

OCCUPATIONS, LABOR, AND WAGES.

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Occupation.	Male.	Female.	Total.
Agriculture, forestry, and animal husbandry:			
Dairy farmers.....	59,240	2,576	61,816
Dairy farm laborers.....	32,237	2,777	35,014
Farmers ¹	5,607,297	257,706	5,865,003
 Farm laborers—			
Farm laborers (home farm).....	2,133,949	1,176,555	3,310,534
Farm laborers (working out).....	2,299,444	337,522	2,636,966
Turpentine farm laborers.....	27,241	316	27,557
Total.....	4,460,634	1,514,423	5,975,057
 Farm, dairy farm, garden, orchard, etc., foremen—			
Dairy farm foremen.....	1,001	85	1,086
Farm foremen ²	34,015	7,505	42,420
Garden and greenhouse foremen.....	1,223	88	1,311
Orchard, nursery, etc., foremen.....	2,687	87	2,774
Total.....	30,826	7,765	47,591
 Fishermen and oystermen.....	67,799	476	68,275
Foresters.....	4,332	—	4,332
 Gardeners, florists, fruit growers, and nurserymen—			
Florists.....	7,977	1,051	9,028
Fruit growers and nurserymen.....	44,186	2,355	46,541
Gardeners.....	75,481	4,413	79,894
Landscape gardeners.....	3,777	15	3,792
Total.....	131,421	7,834	130,255
 Garden, greenhouse, orchard, and nursery laborers—			
Cranberry-bog laborers.....	1,316	68	1,384
Garden laborers.....	76,372	4,942	81,314
Greenhouse laborers.....	16,796	961	17,757
Orchard and nursery laborers.....	31,969	1,503	33,472
Total.....	126,453	7,474	133,927
 Lumbermen, raftsmen, and woodchoppers—			
Foremen and overseers.....	4,798	—	4,798
Lumbermen and raftsmen.....	113,999	37	114,036
Teamsters and haulers.....	15,038	—	15,038
Woodchoppers and tie cutters.....	27,356	40	27,396
Total.....	161,191	77	161,268
 Owners and managers of log and timber camps.....	7,927	4	7,931
Stock herders, drovers, and feeders.....	62,090	885	62,975
Stock raisers.....	50,847	1,674	52,521
 Other agricultural and animal-husbandry pursuits—			
A plowmen.....	2,020	125	2,145
Corn shellers, hay balers, grain thrashers, etc.....	5,617	—	5,617
Ditchers.....	15,198	—	15,198
Poultry raisers and poultry-yard laborers.....	11,777	3,607	15,384
Other and not specified pursuits.....	5,796	98	5,894
Total.....	40,408	3,830	44,238
Total agriculture, forestry, and animal husbandry.....	10,851,702	1,807,501	12,659,203
 Extraction of minerals:			
Foremen, overseers, and inspectors—			
Foremen and overseers.....	22,133	9	22,142
Inspectors.....	1,195	1	1,196
Total.....	23,328	10	23,338
 Operators, officials, and managers—			
Managers.....	9,786	12	9,798
Officials.....	1,140	9	1,149
Operators.....	14,201	86	14,287
Total.....	25,127	107	25,234

¹ Includes turpentine farmers.

² Includes turpentine farm foremen.

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Extraction of minerals—Continued.			
Coal-mine operatives.....	613,519	405	613,924
Copper-mine operatives.....	39,251	19	39,270
Gold and silver mine operatives.....	55,397	39	55,436
Iron-mine operatives.....	49,564	39	49,603
Operatives in other and not specified mines—			
Lead and zinc mine operatives.....	19,471	15	19,486
All other mine operatives.....	27,698	68	27,766
Total.....	47,169	83	47,252
Quarry operatives.....	80,795	45	80,840
Oil, gas, and salt well operatives—			
Oil and gas well operatives.....	25,548	14	25,562
Salt well and works operatives.....	4,032	333	4,365
Total.....	29,580	347	29,927
Total extraction of minerals.....	963,730	1,094	964,824
Manufacturing and mechanical industries:			
Apprentices—			
Apprentices to building and hand trades.....	27,999	32	28,031
Dressmakers' and milliners' apprentices.....	31	11,980	12,011
Other apprentices.....	75,339	3,583	78,922
Total.....	103,369	15,595	118,964
Bakers.....	84,752	4,779	89,531
Blacksmiths, forgemen, and hammermen—			
Blacksmiths.....	232,957	31	232,988
Forgemen, hammermen, and welders.....	7,531	.....	7,531
Total.....	240,488	31	240,519
Boilermakers.....	44,761	.....	44,761
Brick and stone masons.....	169,387	15	169,402
Builders and building contractors.....	173,573	849	174,422
Butchers and dressers (slaughterhouse).....	16,349	2	16,351
Cabinetmakers.....	41,884	8	41,892
Carpenters.....	817,082	38	817,120
Compositors, linotypers, and typesetters.....	113,538	14,051	127,589
Coopers.....	25,292	7	25,299
Dressmakers and seamstresses (not in factory).....	1,582	447,760	449,342
Dyers.....	13,396	654	14,050
Electricians and electrical engineers.....	135,427	92	135,519
Electrotypes, stereotypers, and lithographers—			
Electrotypes and stereotypers.....	4,268	100	4,368
Lithographers.....	7,661	477	8,138
Total.....	11,929	577	12,506
Engineers (mechanical).....	14,514	.....	14,514
Engineers (stationary).....	231,031	10	231,041
Engravers.....	13,429	538	13,987
Filers, grinders, buffers, and polishers (metal)—			
Buffers and polishers.....	28,191	2,305	30,496
Filers.....	10,069	187	10,236
Grinders.....	8,419	374	8,793
Total.....	46,679	2,846	49,525
Firemen (except locomotive and fire department).....	111,248	.....	111,248
Foremen and overseers (manufacturing).....	155,358	19,740	175,098
Furnacemen, smeltermen, heaters, pourers, etc.—			
Furnacemen and smeltermen.....	19,719	16	19,735
Heaters.....	10,111	9	10,120
Ladlers and pourers.....	679	.....	679
Fuddlers.....	5,717	.....	5,717
Total.....	36,226	25	36,251
Glassblowers.....	15,474	90	15,564

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Jewelers, watchmakers, goldsmiths, and silversmiths—			
Goldsmiths and silversmiths.....	5,553	204	5,757
Jewelers and lapidaries (factory).....	8,783	1,848	10,631
Jewelers and watchmakers (not in factory).....	15,701	485	16,186
Total.....	30,037	2,537	32,574
Laborers (not otherwise specified)—			
Building and hand trades—			
General and not specified laborers.....	853,679	15,799	869,478
Helpers in building and hand trades.....	65,352	79	65,431
Total.....	919,031	15,878	934,909
Chemical industries—			
Fertilizer factories.....	9,757	90	9,847
Paint factories.....	2,842	117	2,959
Powder, cartridge, fireworks, etc., factories.....	3,947	330	4,277
Other chemical factories.....	23,165	1,493	24,658
Total.....	39,711	2,030	41,741
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories.....	77,333	621	77,954
Glass factories.....	23,686	948	24,634
Lime, cement, and gypsum factories.....	35,931	152	36,083
Marble and stone yards.....	6,847	68	6,915
Potteries.....	8,641	599	9,240
Total.....	152,438	2,388	154,826
Iron and steel industries—			
Automobile factories.....	15,644	139	15,783
Blast furnaces and rolling mills.....	201,030	1,362	202,392
Car and railroad shops.....	48,114	228	48,342
Wagon and carriage factories.....	12,232	159	12,391
Other iron and steel works.....	199,781	4,252	204,033
Total.....	476,801	6,140	482,941
Other metal industries—			
Brass mills.....	10,606	279	10,885
Copper factories.....	11,532	54	11,586
Lead and zinc factories.....	7,871	74	7,945
Tinware and enamel-ware factories.....	6,709	878	7,587
Other metal factories.....	5,416	1,354	6,770
Total	42,134	2,639	44,773
Lumber and furniture industries—			
Furniture, piano, and organ factories.....	27,188	889	28,077
Saw and planing mills.....	258,361	1,781	260,142
Other woodworking factories.....	27,679	1,346	29,025
Total	313,228	4,016	317,244
Textile industries—			
Cotton mills.....	32,037	5,767	37,804
Silk mills.....	2,686	1,112	3,798
Woolen and worsted mills.....	10,245	2,045	12,290
Other textile mills.....	26,139	7,115	33,254
Total	71,107	16,039	87,146
Other industries—			
Charcoal and coke works.....	11,431	15	11,446
Cigar and tobacco factories.....	11,436	4,056	16,392
Clothing industries.....	5,424	4,816	10,240
Electric light and power plants.....	8,011	165	8,176
Electrical supply factories.....	10,053	1,381	11,434
Food industries—			
Bakeries.....	3,755	755	4,510
Butter and cheese factories.....	4,688	128	4,816
Fish curing and packing.....	4,637	233	4,870
Flour and grain mills.....	9,152	91	9,243
Fruit and vegetable canning, etc.....	3,683	987	4,670
Slaughter and packing houses.....	32,471	1,432	33,903
Sugar factories and refineries.....	8,647	108	8,755
Other food factories.....	8,658	2,590	11,248

¹ Includes tin-plate mills.

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Laborers (not otherwise specified)—Continued.			
Other industries—Continued.			
Gas works.....	16,534	15	16,549
Liquor and beverage industries.....	18,294	563	18,857
Oil refineries.....	11,151	64	11,215
Paper and pulp mills.....	29,959	1,429	31,388
Printing and publishing.....	5,217	1,824	7,041
Rubber factories.....	12,224	1,322	13,546
Shot factories.....	7,952	2,325	10,277
Tanneries.....	20,491	307	20,798
Turpentine distilleries.....	6,354	51	6,405
Other factories.....	136,675	13,672	150,347
Total.....	386,897	39,229	426,126
Total laborers (not otherwise specified).....	2,401,347	88,359	2,489,706
Loom fixers.....	13,254	.....	13,254
Machinists, millwrights, and tool makers—			
Machinists and millwrights.....	478,713	73	478,786
Tool makers, and die setters and sinkers.....	9,243	20	9,263
Total.....	487,956	93	488,049
Managers and superintendents (manufacturing).....	102,748	1,462	104,210
Manufacturers and officials—			
Manufacturers.....	230,809	4,208	235,107
Officials.....	21,083	401	21,484
Total.....	251,892	4,609	256,591
Mechanics (not otherwise specified)—			
Gunsmiths, locksmiths, and bell hangers.....	3,248	3	3,251
Wheelwrights.....	3,732	.....	3,732
Other mechanics.....	27,765	39	27,804
Total.....	34,745	42	34,787
Millers (grain, flour, feed, etc.).....	23,093	59	23,152
Milliners and millinery dealers.....	5,450	122,447	127,906
Molders, founders, and casters (metal)—			
Brass molders, founders, and casters.....	6,509	3	6,512
Iron molders, founders, and casters.....	112,070	52	112,122
Other molders, founders, and casters.....	2,204	62	2,206
Total.....	120,783	117	120,900
Oilers of machinery.....	13,900	23	14,013
Painters, glaziers, varnishers, enamelers, etc.—			
Enameling, lacquering, and japanning.....	1,968	1,031	2,999
Painters, glaziers, and varnishers (building).....	273,060	381	273,441
Painters, glaziers, and varnishers (factory).....	59,786	1,129	60,915
Total.....	334,814	2,541	337,355
Paper hangers.....	24,780	797	25,577
Pattern and model makers.....	23,006	553	23,559
Plasterers.....	47,676	6	47,682
Plumbers and gas and steam fitters.....	148,304	.....	148,304
Pressmen (printing).....	19,892	192	20,084
Rollers and roll hands (metal).....	18,384	23	18,407
Roofers and slaters.....	14,078	.....	14,078
Sawyers.....	43,257	19	43,276
Semiskilled operatives (not otherwise specified)—			
Chemical industries—			
Paint factories.....	3,292	628	3,920
Powder, cartridge, fireworks, etc., factories.....	2,858	2,405	5,263
Other chemical factories.....	11,008	10,514	21,522
Total.....	17,158	13,547	30,705
Cigar and tobacco factories.....	79,947	71,572	151,519

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Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories.....	12,640	758	13,407
Glass factories.....	37,927	3,950	41,877
Lime, cement, and gypsum factories.....	8,417	129	8,546
Marble and stone yards.....	8,389	150	8,539
Potteries.....	11,785	4,474	16,259
Total.....	79,167	9,461	88,628
Clothing industries—			
Hat factories (felt).....	22,377	4,198	26,575
Suit, coat, cloak, and overall factories.....	44,878	9,333	54,211
Other clothing factories.....	28,460	35,361	63,821
Total.....	95,715	48,892	144,607
Food industries—			
Bakeries.....	3,008	5,930	8,938
Butter and cheese factories.....	11,065	533	11,598
Candy factories.....	13,608	17,335	30,943
Flour and grain mills.....	3,750	242	3,992
Fruit and vegetable canning, etc.....	2,127	3,163	5,290
Slaughter and packing houses.....	7,121	2,327	9,448
Other food factories.....	11,633	6,992	18,625
Total.....	52,312	36,522	88,834
Harness and saddle industries.....	21,958	602	22,650
Iron and steel industries—			
Automobile factories.....	20,222	680	20,902
Blast furnaces and rolling mills ¹	67,746	2,384	70,130
Car and railroad shops ²	47,405	279	47,684
Wagon and carriage factories.....	21,236	942	22,178
Other iron and steel works.....	188,662	18,757	207,419
Total.....	345,271	28,042	368,313
Other metal industries—			
Brass mills.....	14,350	2,535	16,885
Clock and watch factories.....	9,252	6,376	15,628
Gold and silver and jewelry factories.....	10,474	6,177	16,651
Lead and zinc factories.....	1,601	263	1,864
Tinware and enamel-ware factories.....	6,674	3,937	10,611
Other metal factories.....	6,553	1,553	8,111
Total.....	48,904	20,846	69,750
Liquor and beverage industries—			
Breweries.....	21,250	580	21,830
Distilleries.....	2,648	796	3,444
Other liquor and beverage factories.....	5,766	463	6,229
Total.....	29,664	1,839	31,503
Lumber and furniture industries—			
Furniture, piano, and organ factories.....	58,304	4,508	62,812
Saw and planing mills ³	63,684	2,376	65,060
Other woodworking factories.....	32,304	6,314	38,618
Total.....	154,292	13,198	167,490
Paper and pulp industries.....	25,803	10,580	36,383
Printing and publishing.....	32,808	34,661	67,469
Shoe factories.....	121,744	59,266	181,010
Tanneries.....	31,713	1,840	33,553
Textile industries—			
Beamers, warpers, and slashers—			
Cotton mills.....	4,855	2,838	7,693
Silk mills.....	1,408	3,220	4,628
Woolen and worsted mills.....	2,059	511	2,570
Other textile mills.....	1,290	512	1,802
Total.....	9,612	7,081	16,693

¹ Includes tin-plate mills.² Includes car repairers for street and steam railroads.³ Includes wooden-box factories.

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Textile industries—Continued.			
Bobbin boys, doffers, and carriers—			
Cotton mills.....	14,398	2,400	16,798
Silk mills.....	320	297	617
Woolen and worsted mills.....	1,824	1,075	2,899
Other textile mills.....	1,080	1,120	2,200
Total.....	17,622	4,892	22,514
Carders, combers, and lappers—			
Cotton mills.....	11,729	4,210	15,939
Silk mills.....	60	83	143
Woolen and worsted mills.....	4,447	911	5,358
Other textile mills.....	1,814	702	2,516
Total.....	18,050	5,906	23,956
Drawers, rovers, and twisters—			
Cotton mills.....	9,535	9,937	19,472
Silk mills.....	1,472	2,353	3,825
Woolen and worsted mills.....	866	3,599	4,465
Other textile mills.....	607	1,626	2,233
Total.....	12,480	17,515	29,905
Spinners—			
Cotton mills.....	15,874	32,151	48,025
Silk mills.....	1,046	2,397	3,443
Woolen and worsted mills.....	6,997	6,300	13,387
Other textile mills.....	3,866	5,333	9,204
Total.....	27,783	40,276	74,059
Weavers—			
Cotton mills.....	48,929	43,911	92,840
Silk mills.....	18,435	17,736	36,171
Woolen and worsted mills.....	17,197	14,660	31,857
Other textile mills.....	19,723	23,127	42,850
Total.....	104,284	90,434	203,718
Winders, reelers, and spoolers—			
Cotton mills.....	3,226	24,283	27,509
Silk mills.....	1,222	14,904	16,126
Woolen and worsted mills.....	932	6,611	7,543
Other textile mills.....	1,890	11,265	13,155
Total.....	7,270	57,063	64,333
Other occupations—			
Cotton mills.....	30,025	19,724	50,349
Silk mills.....	4,995	8,825	13,820
Woolen and worsted mills.....	18,601	12,290	30,891
Other textile mills.....	46,899	78,033	119,932
Total.....	101,120	113,872	214,992
Other industries—			
Electrical supply factories.....	13,636	11,041	24,677
Paper-box factories.....	4,850	13,028	17,887
Rubber factories.....	20,814	9,469	30,283
Other factories.....	152,013	88,398	236,014
Total.....	191,925	110,936	308,861
Total semiskilled operatives (not otherwise specified)	1,626,602	814,933	2,441,535
Sewers and sewing-machine operators (factory) ¹	60,003	231,206	291,209
Shoemakers and cobblers (not in factory).....	68,788	782	69,570
Skilled occupations (not otherwise specified)—			
Annealers and temperers (metal).....	1,894	7	1,901
Piano and organ tuners.....	6,528	105	6,633
Wood carvers.....	5,308	60	5,368
Other skilled occupations.....	2,830	76	2,906
Total.....	16,560	248	16,808

¹ Exclusive of sewers and sewing-machine operators in shoe and harness factories and sack sewers in cement, sugar, and grain mills.

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Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Stonecutters.....	35,726	5	35,731
Structural-iron workers (building).....	11,427	.....	11,427
Tailors and tailoresses.....	163,795	40,813	204,608
Tinsmiths and coppersmiths—			
Coppersmiths.....	3,410	.....	3,410
Tinsmiths.....	56,390	24	56,423
Total.....	59,800	24	59,833
Upholsterers.....			
Total manufacturing and mechanical industries.....	18,928	1,293	20,221
	8,837,901	1,820,980	10,658,881
Transportation:			
Water transportation (selected occupations)—			
Boatmen, canalmen, and lock keepers.....	5,289	15	5,304
Captains, masters, mates, and pilots.....	24,242	.....	24,242
Longshoremen and stevedores.....	62,813	44	62,857
Sailors and deck hands.....	46,498	12	46,510
Total.....	138,842	71	138,913
Road and street transportation (selected occupations)—			
Carriage and hack drivers.....	35,339	37	35,376
Chauffeurs.....	45,752	33	45,755
Draymen, teamsters, and expressmen ¹	408,396	73	408,469
Foremen of livery and transfer companies.....	6,606	.....	6,606
Garage keepers and managers.....	5,256	23	5,279
Hostlers and stable hands.....	63,382	6	63,388
Livery-stable keepers and managers.....	34,612	183	34,795
Proprietors and managers of transfer companies.....	15,368	230	15,598
Total.....	614,711	585	615,296
Railroad transportation (selected occupations)—			
Baggagemen and freight agents—			
Baggagemen.....	12,273	.....	12,273
Freight agents.....	4,765	5	4,760
Total.....	17,028	5	17,033
Boiler washers and engine hostlers.....			
Brakemen.....	10,409	.....	10,409
Conductors (steam railroad).....	92,572	.....	92,572
Conductors (street railroad).....	65,604	.....	65,604
Foremen and overseers.....	56,932	.....	56,932
Foremen and overseers.....	69,693	210	69,933
Laborers—			
Steam railroad.....	530,920	3,248	543,168
Street railroad.....	27,002	205	27,807
Total.....	567,522	3,453	570,975
Locomotive engineers.....			
Locomotive firemen.....	96,229	.....	96,229
Motormen.....	76,381	.....	76,381
Motormen.....	59,005	.....	59,005
Officials and superintendents—			
Steam railroad.....	19,803	2	19,805
Street railroad.....	2,433	.....	2,433
Total.....	22,236	2	22,238
Switchmen, flagmen, and yardmen—			
Switchmen and flagmen (steam railroad).....	73,367	52	73,419
Switchmen and flagmen (street railroad).....	2,153	.....	2,153
Yardmen (steam railroad).....	9,575	.....	9,575
Total.....	85,095	52	85,147
Ticket and station agents.....			
Total, railroad transportation (selected occupations).....	22,930	1,208	24,138
	1,241,636	4,960	1,246,596

¹ Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

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Occupation.	Male.	Female.	Total.
Transportation—Continued.			
Express, post, telegraph, and telephone (selected occupations)—			
Agents (express companies).....	5,804	71	5,875
Express messengers and railway mail clerks—			
Express messengers.....	6,778	3	6,781
Railway mail clerks.....	15,240	.....	15,240
Total.....	22,018	3	22,021
Mail carriers.....	79,667	1,011	80,678
Telegraph and telephone linemen.....	28,347	3	28,350
Telegraph messengers.....	9,074	78	9,152
Telegraph operators.....	61,734	8,219	69,953
Telephone operators.....	9,631	88,262	97,893
Total express, post, telegraph, and telephone (selected occupations).....	216,275	97,647	313,922
Other transportation pursuits—			
Foremen and overseers (not otherwise specified)—			
Road and street building and repairing.....	7,004	.....	7,064
Telegraph and telephone companies.....	3,439	404	3,843
Water transportation.....	3,016	.....	3,016
Other transportation.....	814	1	815
Total.....	14,333	405	14,738
Inspectors—			
Steam railroad.....	27,525	136	27,661
Street railroad.....	2,265	3	2,268
Other transportation.....	3,172	136	3,308
Total.....	32,962	275	33,237
Laborers (not otherwise specified)—			
Road and street building and repairing.....	180,468	.....	180,468
Street cleaning.....	9,946	.....	9,946
Other transportation.....	30,762	261	31,023
Total.....	221,176	261	221,437
Proprietors, officials, and managers (not otherwise specified)—			
Telegraph and telephone companies.....	8,680	1,409	10,089
Other transportation.....	4,731	19	4,750
Total.....	13,411	1,428	14,839
Other occupations (semiskilled)—			
Steam railroad.....	24,105	270	24,375
Street railroad.....	5,147	40	5,187
Other transportation.....	8,477	654	9,131
Total.....	37,729	964	38,693
Total transportation.....	2,531,075	106,596	2,637,671
Trade:			
Bankers, brokers, and money lenders—			
Bankers and bank officials.....	54,387	1,672	56,059
Commercial brokers and commission men.....	23,690	319	24,009
Loan brokers and loan company officials.....	1,989	122	2,111
Pawnbrokers.....	1,191	41	1,232
Stockbrokers.....	13,522	207	13,729
Brokers not specified and promoters.....	8,391	273	8,664
Total.....	103,170	2,634	105,804
Clerks in stores ¹ —			
Commercial travelers.....	275,589	111,504	387,183
Decorators, drapers, and window dressers.....	161,027	2,593	163,620
Total.....	4,902	439	5,341
Deliverymen—			
Bakeries and laundries.....	24,012	18	24,030
Stores.....	205,457	132	205,589
Total.....	229,469	150	229,619

¹ Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—CON.

Occupation.	Male.	Female.	Total.
Trade—Continued.			
Floorwalkers, foremen, and overseers—			
Floorwalkers and foremen in stores.....	14,900	3,048	17,946
Foremen warehouses, stockyards, etc.....	2,749	29	2,778
Total.....	17,649	3,075	20,724
Inspectors, gaugers, and samplers.....	11,685	1,761	13,446
Insurance agents and officials—			
Insurance agents.....	85,926	2,537	88,463
Officials of insurance companies.....	9,376	125	9,501
Total.....	95,302	2,662	97,964
Laborers in coal and lumber yards, warehouses, etc.—			
Coal yards.....	16,655	8	16,663
Elevators.....	6,335	11	6,346
Lumber yards.....	43,389	9	43,398
Stock yards.....	5,991	7	5,998
Warehouses.....	8,080	638	8,718
Total.....	80,450	673	81,123
Laborers, porters, and helpers in stores.....	98,169	4,164	102,333
Newsboys.....	29,435	273	29,708
Proprietors, officials, and managers (not otherwise specified)—			
Employment office keepers.....	1,540	720	2,260
Proprietors, etc., elevators.....	5,105	13	5,118
Proprietors, etc., warehouses.....	4,368	25	4,393
Other proprietors, officials, and managers.....	10,339	252	10,591
Total.....	21,352	1,010	22,362
Real estate agents and officials.....	122,935	2,927	125,862
Retail dealers.....	1,127,926	67,103	1,195,029
Salesmen and saleswomen—			
Auctioneers.....	3,985	5	3,990
Demonstrators.....	1,250	3,130	4,380
Sales agents.....	31,424	4,098	35,522
Salesmen and saleswomen (stores) ¹	626,751	250,487	877,238
Total.....	663,410	257,720	921,130
Undertakers.....	19,921	813	20,734
Wholesale dealers, importers, and exporters.....	50,123	925	51,048
Other pursuits (semiskilled)—			
Fruit graders and packers.....	2,677	2,038	4,715
Meat cutters.....	15,378	27	15,405
Other occupations.....	16,013	5,507	21,520
Total.....	34,068	7,572	41,640
Total trade.....	3,146,582	468,088	3,614,670
Public service (not elsewhere classified):			
Firemen (fire department).....	35,606	.....	35,606
Guards, watchmen, and doorkeepers.....	78,168	103	78,271
Laborers (public service)—			
Garbage men and scavengers.....	4,227	.....	4,227
Other laborers.....	62,278	729	63,007
Total.....	66,505	729	67,234
Marshals, sheriffs, detectives, etc.—			
Detectives.....	6,162	187	6,349
Marshals and constables.....	9,071	2	9,073
Probation and truant officers.....	855	188	1,043
Sheriffs.....	7,131	3	7,134
Total.....	23,219	380	23,599
Officials and inspectors (city and county)—			
Officials and inspectors (city).....	32,199	1,011	33,210
Officials and inspectors (county).....	17,469	1,575	19,044
Total.....	49,668	2,586	52,254

¹ Many of the "salesmen and saleswomen" in stores evidently are "clerks."

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Public service (not elsewhere classified)—Continued.			
Officials and inspectors (State and United States)—			
Officials and inspectors (State)	6,662	540	7,202
Officials and inspectors (United States)	36,727	8,997	45,724
Total.....	43,389	9,537	52,926
Policeman.....	61,980	.....	61,980
Soldiers, sailors, and marines.....	77,153	.....	77,153
Other pursuits—			
Life-savers.....	2,158	.....	2,158
Lighthouse keepers.....	1,552	41	1,593
Other occupations.....	6,335	182	6,517
Total.....	10,045	223	10,268
Total public service (not elsewhere classified).....	445,733	13,558	459,291
Professional service:			
Actors.....	10,305	11,902	23,297
Architects.....	16,311	302	16,613
Artists, sculptors, and teachers of art.....	18,675	15,429	34,104
Authors, editors, and reporters—			
Authors.....	2,310	2,058	4,368
Editors and reporters.....	30,201	4,181	34,382
Total.....	32,511	6,239	38,250
Chemists, assayers, and metallurgists.....	15,694	579	16,273
Civil and mining engineers and surveyors—			
Civil engineers and surveyors.....	52,028	5	52,033
Mining engineers.....	6,930	.....	6,930
Total.....	58,958	5	53,963
Clergymen.....	117,333	685	118,018
College presidents and professors.....	12,710	2,958	15,668
Dentists.....	38,733	1,254	39,987
Designers, draftsmen, and inventors—			
Designers.....	9,211	2,577	11,788
Draftsmen.....	32,923	391	33,314
Inventors.....	2,303	44	2,347
Total.....	44,437	3,012	47,449
Lawyers, judges, and justices.....	114,146	558	114,704
Musicians and teachers of music.....	54,832	84,478	139,310
Photographers.....	26,811	4,964	31,775
Physicians and surgeons.....	142,117	9,015	151,132
Showmen.....	18,988	1,108	20,096
Teachers—			
Teachers (athletics, dancing, etc.).....	2,768	1,163	3,931
Teachers (school).....	118,442	476,864	595,306
Total.....	121,210	478,027	599,287
Trained nurses.....	5,819	70,508	82,327
Veterinary surgeons.....	11,652	.....	11,652
Other professional pursuits.....	7,585	8,092	15,677
Semiprofessional pursuits—			
Abstainers, notaries, and justices of the peace.....	6,660	785	7,445
Fortune tellers, hypnotists, spiritualists, etc.....	380	1,220	1,600
Hecklers (except physicians and surgeons).....	2,162	4,672	6,834
Keepers of charitable and penal institutions.....	5,246	2,245	7,491
Officials of lodges, societies, etc.....	6,245	1,970	8,215
Religious and charity workers.....	7,081	8,889	15,970
Theatrical owners, managers, and officials.....	11,027	295	11,322
Other occupations.....	5,731	318	6,049
Total.....	44,532	20,394	64,926
Attendants and helpers (professional service).....	10,315	8,286	18,601
Total professional service.....	929,084	733,885	1,663,569
Domestic and personal service:			
Barbers, hairdressers, and manicurists.....	172,877	22,298	195,275
Bartenders.....	100,984	250	101,234

No. 189.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Domestic and personal service—Continued.			
Billiard-room, dance-hall, skating-rink, etc., keepers—			
Billiard and pool room keepers.....	13,700	159	13,859
Dance-hall, skating-rink, etc., keepers.....	2,243	659	2,902
Total.....	15,943	818	16,761
Boarding and lodging house keepers.....	23,052	142,400	165,452
Bootblacks.....	14,000	20	14,020
Charwomen and cleaners.....	7,195	26,839	34,034
Elevator tenders.....	25,010	25	25,035
Hotel keepers and managers.....	50,269	14,235	64,504
Housekeepers and stewards.....	15,940	173,333	189,273
Janitors and sextons.....	91,629	21,452	113,081
Laborers (domestic and professional service).....	50,265	3,215	53,480
Laundries and laundresses (not in laundry).....	13,693	520,004	533,697
Laundry operatives ¹	35,899	75,980	111,879
Laundry owners, officials, and managers ¹	17,057	986	18,043
Midwives and nurses (not trained)—			
Midwives.....		6,205	6,205
Nurses (not trained).....	15,926	110,912	126,838
Total.....	15,926	117,117	133,043
Porters (except in stores).....	84,055	73	84,128
Restaurant, café, and lunch-room keepers.....	50,316	10,513	60,832
Saloon keepers.....	66,724	1,491	68,215
Servants—			
Bell boys, chore boys, etc.....	17,667	602	18,329
Chambermaids.....	187	39,602	39,789
Coachmen and footmen.....	25,667		25,667
Cooks.....	117,004	338,436	450,440
Other servants.....	102,151	935,849	1,038,000
Total.....	262,676	1,309,549	1,572,225
Waiters.....	102,495	85,798	188,293
Other pursuits—			
Bathhouse keepers and attendants.....	3,125	1,470	4,595
Cemetery keepers.....	4,811	31	4,842
Cleaners and renovators (clothing, etc.).....	12,215	2,645	14,860
Umbrella menders and scissors grinders.....	1,016	37	1,053
Other occupations.....	4,056	204	4,320
Total.....	25,223	4,447	29,670
Total domestic and personal service.....	1,241,328	2,530,846	3,772,174
Clerical occupations:			
Agents, canvassers, and collectors—			
Agents.....	48,495	2,290	50,785
Canvassers.....	13,080	4,615	18,595
Collectors.....	33,850	1,897	35,747
Total.....	96,325	8,802	105,127
Bookkeepers, cashiers, and accountants.....	290,545	187,155	486,700
Clerks (except clerks in stores)—			
Shipping clerks.....	78,192	2,161	80,353
Other clerks.....	519,041	120,504	640,145
Total.....	597,833	122,665	720,498
Messenger, bundle, and office boys ² —			
Bundle and cash boys and girls.....	4,274	6,592	10,866
Messenger, errand, and office boys.....	92,474	4,695	97,169
Total.....	96,748	11,287	108,035
Stenographers and typewriters.....	53,378	263,315	316,693
Total clerical occupations.....	1,143,820	593,224	1,737,053
Grand total gainfully occupied.....	30,091,564	8,675,772	38,167,336
Total population 10 years of age and over (1910).....	37,027,558	34,552,712	71,580,270

¹ Some owners of hand laundries are included with "laundry operatives."

² Except telegraph and telephone messengers.

No. 190.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: BY SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	1900			1910		
	Male.	Female.	Total.	Male.	Female.	Total.
Alabama.....	563,179	200,009	763,188	683,194	314,330	997,524
Arizona.....	46,584	5,786	53,370	77,236	10,589	87,825
Arkansas.....	407,942	77,853	485,795	510,410	161,993	672,403
California.....	556,345	87,922	644,267	932,752	174,916	1,107,668
Colorado.....	190,297	27,966	218,263	285,083	53,641	338,724
Connecticut.....	296,971	88,039	385,010	370,481	119,981	490,462
Delaware.....	60,024	12,072	72,996	68,317	17,546	85,863
District of Columbia.....	85,780	41,161	126,941	105,044	52,921	157,965
Florida.....	103,989	37,581	201,570	248,926	73,161	322,087
Georgia.....	645,932	218,539	864,471	807,185	352,941	1,160,126
Idaho.....	58,167	4,516	62,683	118,050	13,038	131,088
Illinois.....	1,509,394	294,646	1,804,040	1,865,422	431,356	2,296,778
Indiana.....	732,237	116,716	889,953	880,979	155,731	1,036,710
Iowa.....	682,521	100,883	789,404	694,709	131,514	826,313
Kansas.....	452,169	55,571	507,740	540,639	80,094	621,333
Kentucky.....	646,909	105,622	752,531	719,369	147,611	866,950
Louisiana.....	405,182	130,911	536,093	501,574	177,009	679,183
Maine.....	224,847	51,930	276,777	242,175	63,282	305,457
Maryland.....	359,755	98,083	458,738	410,884	130,280	541,164
Massachusetts.....	879,374	329,033	1,208,407	1,086,767	444,301	1,531,068
Michigan.....	772,299	133,691	905,990	926,815	186,183	1,112,098
Minnesota.....	548,946	96,028	645,874	689,847	145,605	835,452
Mississippi.....	466,766	178,357	645,123	574,279	305,366	879,645
Missouri.....	966,866	154,526	1,121,392	1,076,772	211,564	1,288,336
Montana.....	104,990	9,809	114,799	159,896	18,851	178,747
Nebraska.....	327,354	46,616	373,970	377,811	63,303	441,114
Nevada.....	17,809	2,000	19,809	40,535	4,375	44,910
New Hampshire.....	136,061	41,755	178,719	143,363	48,340	191,703
New Jersey.....	603,237	154,522	757,759	834,795	239,565	1,074,360
New Mexico.....	59,710	6,310	66,020	106,418	15,079	121,497
New York.....	2,324,429	672,016	2,996,474	3,020,158	983,686	4,003,844
North Carolina.....	556,581	160,161	716,742	674,849	272,990	947,839
North Dakota.....	103,548	14,092	117,640	188,372	29,046	217,418
Ohio.....	1,299,881	246,071	1,545,952	1,572,343	346,712	1,919,055
Oklahoma.....	243,932	22,473	266,405	520,376	78,253	598,629
Oregon.....	151,200	18,437	169,637	264,691	40,473	305,164
Pennsylvania.....	2,017,052	431,537	2,448,589	2,525,245	605,436	3,130,681
Rhode Island.....	130,829	52,094	191,923	180,962	70,939	251,901
South Carolina.....	389,645	181,350	570,995	460,794	267,833	728,627
South Dakota.....	121,512	15,644	137,156	190,363	28,714	219,077
Tennessee.....	611,383	116,204	727,587	682,248	173,298	855,546
Texas.....	892,641	140,392	1,033,033	1,228,422	328,444	1,556,866
Utah.....	73,840	10,764	84,604	113,113	18,427	131,540
Vermont.....	112,181	22,752	134,933	115,781	28,308	144,089
Virginia.....	536,883	125,532	662,415	626,889	168,700	795,568
Washington.....	204,606	20,781	225,387	455,375	66,126	521,501
West Virginia.....	294,502	31,161	325,663	394,390	54,100	448,490
Wisconsin.....	616,391	116,147	732,538	729,804	162,608	892,412
Wyoming.....	41,264	3,004	44,268	67,593	6,013	73,606
Total.....	23,753,836	5,319,397	29,073,233	30,091,564	8,075,772	38,167,336
<i>Geographic divisions.¹</i>						
New England.....	1,790,163	586,206	2,376,360	2,139,529	775,151	2,914,680
Middle Atlantic.....	4,944,718	1,258,104	6,202,822	6,380,198	1,828,687	8,208,885
East North Central.....	4,980,202	907,271	5,887,473	5,975,363	1,282,590	7,257,953
West North Central.....	3,202,916	490,200	3,693,176	3,758,603	690,440	4,449,043
South Atlantic.....	3,083,091	907,440	4,000,531	3,797,257	1,340,472	5,187,729
East South Central.....	2,288,237	600,192	2,888,429	2,659,090	940,605	3,599,695
West South Central.....	1,949,697	371,629	2,321,326	2,760,782	746,299	3,507,081
Mountain.....	592,661	71,155	663,816	987,924	140,013	1,107,937
Pacific.....	912,151	127,140	1,039,291	1,652,818	281,515	1,934,333

¹ For States included in each division, see note 5, p. 32.

No. 191.—**STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1917 AND 1918, BY STATES.**

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1917			1918		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama.....	1,835	10,220	6	1,952	3,259	2
Arkansas.....	2,417	27,315	11	1,207	4,292	4
Colorado.....	1,664	7,292	4	464	2,313	5
Georgia.....				230	1,610	7
Illinois.....	38,781	464,611	12	10,251	74,880	7
Indiana.....	11,914	74,695	6	8,083	51,015	6
Iowa.....	3,275	18,407	6	997	4,774	5
Kansas.....	7,312	128,514	18	4,675	25,047	5
Kentucky.....	9,348	425,725	46	1,226	15,318	12
Maryland.....	1,523	24,605	16	2,517	5,402	2
Michigan.....	163	1,964	12	1,367	18,194	13
Missouri.....	2,175	31,767	15	1,191	5,800	5
Montana.....	1,063	23,680	22	218	218	1
New Mexico.....	85	775	9			
North Dakota.....	82	811	10	22	160	8
Ohio.....	7,710	56,875	7	4,993	44,837	9
Oklahoma.....	1,668	37,301	22	630	12,294	20
Oregon.....	25	25	1			
Pennsylvania ¹	23,655	544,322	23	12,852	112,929	9
Tennessee.....	4,448	102,730	43	835	2,464	3
Texas.....	75	260	3	55	550	10
Utah.....	212	848	4	30	30	1
Virginia.....	232	2,283	10	523	10,241	20
Washington.....	192	840	4	75	1,275	17
West Virginia.....	6,166	111,479	18	5,712	42,009	7
Total bituminous.....	126,020	2,187,244	17	60,105	438,882	7
Pennsylvania anthracite.....	34,220	161,155	5	19,200	69,644	4

¹ Bituminous.

No. 192.—**SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1907 TO 1918.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Men on strike.	Working days lost.	Average days lost per man.	Year.	Men on strike.	Working days lost.	Average days lost per man.
1907 ¹	32,540	462,302	14.0	1913.....	135,395	3,049,412	22.5
1908 ¹	145,145	5,449,938	38.0	1914.....	161,720	11,013,667	68.0
1909 ¹	24,763	723,634	29.0	1915.....	67,190	2,467,431	37.0
1910.....	218,493	10,250,524	88.0	1916.....	170,633	3,344,556	19.5
1911.....	41,413	983,737	24.0	1917.....	160,240	2,348,399	15.0
1912.....	311,056	12,527,305	40.0	1918.....	79,395	508,526	6.4

¹ Bituminous mines only.

No. 193.—**COAL MINES, ANTHRACITE AND BITUMINOUS: NUMBER OF MEN EMPLOYED, NUMBER OF DAYS WORKED, AND AVERAGE TONNAGE MINED PER MAN PER DAY AND PER CALENDAR YEAR, 1907, 1908, AND 1912 TO 1913.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Anthracite.				Bituminous.			
	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.
1907.....	167,234	220	2.33	512	513,258	234	3.29	769
1908.....	174,174	200	2.39	478	516,264	193	3.34	644
1912.....	174,030	231	2.10	485	548,632	223	3.68	820
1913.....	175,745	257	2.02	520	571,882	232	3.61	837
1914.....	179,679	245	2.06	505	583,506	195	3.71	724
1915.....	176,552	230	2.19	504	557,456	203	3.91	794
1916.....	159,869	253	2.16	548	561,102	230	3.90	896
1917.....	154,174	285	2.27	646	803,143	243	3.77	915
1918.....	147,121	293	2.29	672	615,305	249	3.78	942

No. 194.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment for each industry is shown by black figures and the minimum month by italic figures.]

Industry.	Wage earners employed on the 16th day of each month or nearest representative day.											Per cent minimum forms of maxi- mum.		
	Average number em- ployed during year.	Jan. uary.	Fe- bruary.	March.	April.	May.	June.	July.	August.	Sept- tember.	Octo- ber.	Novem- ber.	Decem- ber.	
Aeroplanes and parts.....	168	162	157	152	147	151	144	154	154	194	211	210	210	68.2
Agricultural implements.....	48,459	61,746	61,433	55,904	54,534	49,904	46,980	45,451	45,169	39,536	44,792	47,048	47,048	56.9
Aluminum ware.....	4,614	4,297	4,295	4,379	4,537	4,532	4,500	4,471	4,471	5,018	5,018	4,867	4,867	86.3
Ammunition.....	11,493	10,786	10,836	10,384	10,886	10,814	10,836	10,814	10,836	12,565	12,565	14,422	14,422	86.8
Artificial flowers.....	4,808	4,522	4,507	5,137	5,122	4,331	3,870	3,902	4,486	5,247	5,382	5,412	5,412	70.9
Artificial limbs.....	4,488	4,484	4,492	4,493	4,493	4,492	4,494	4,490	4,490	4,485	4,485	4,479	4,479	97.0
Artificial stone products.....	6,186	6,311	7,843	11,371	12,840	13,201	13,118	12,779	12,779	12,360	10,951	8,942	7,157	46.9
Artist's materials.....	604	619	603	603	610	610	588	579	579	659	617	641	612	609
Asbestos products, not including steam packing.....	962	986	1,008	1,024	972	922	1,030	960	960	933	933	989	922	83.9
Automobile bodies and parts.....	47,785	47,280	47,702	50,941	52,633	51,511	48,612	48,811	48,520	46,550	47,270	43,829	43,829	83.2
Automobiles.....	79,307	79,694	83,440	84,323	85,271	81,130	76,034	76,267	76,267	80,975	80,975	75,151	75,151	85.3
Automobile repairing.....	12,562	11,627	12,000	12,655	12,654	13,121	13,259	13,173	13,173	12,435	12,435	12,145	12,145	86.8
Awnings, tents, and sails.....	5,072	5,653	4,103	4,713	5,802	6,811	7,072	6,263	6,263	4,601	4,601	3,459	4,021	56.9
Babbitt metal and solder.....	1,035	995	985	1,078	1,078	1,078	1,078	1,129	1,066	1,050	986	986	974	974
Bags, other than paper.....	9,358	8,983	9,023	9,394	9,394	9,303	9,578	9,851	9,826	9,826	9,826	9,420	8,864	87.9
Bags, paper, not including bags made in paper mills.....	3,505	3,443	3,457	3,470	3,432	3,420	3,543	3,374	3,420	3,701	3,796	3,666	3,470	83.0
Baking powders and yeast.....	2,270	2,287	2,281	2,323	2,302	2,389	2,332	2,220	2,194	2,275	2,286	2,159	2,159	90.4
Baskets, and wicker and willow ware.....	4,574	3,921	4,009	4,238	4,705	4,885	5,032	5,032	5,032	4,433	4,433	3,938	3,938	71.8
Balls.....	445	418	405	467	473	443	443	423	423	426	426	419	419	434
Baling and index, rubber.....	5,103	5,044	5,063	5,157	5,711	5,274	5,243	5,243	5,243	5,188	5,188	5,040	4,910	93.1
Beeting and hose, woven.....	952	981	1,011	996	1,000	951	952	949	949	945	945	901	901	87.5
Belting, leather.....	2,951	3,004	3,004	2,983	2,940	2,913	2,879	2,894	2,914	2,958	2,958	2,975	2,975	95.8
Billiard tables and materialis.....	1,453	1,561	1,559	1,527	1,487	1,490	1,443	1,265	1,265	1,427	1,427	1,420	1,420	91.0
Blacking, stains, and dressings.....	1,766	1,682	1,823	1,933	2,030	2,039	1,825	1,774	1,677	1,677	1,677	1,680	1,684	1,540
Bluing.....	234	238	222	250	256	250	256	267	267	272	272	239	239	87.1
Bone, carbon, and lampblack.....	339	306	304	306	306	306	306	309	309	369	369	338	338	76.9
Book binding and blank-book making.....	21,683	22,166	22,311	22,538	22,059	21,706	21,781	21,853	21,853	21,376	21,376	21,191	20,378	92.0
Boot and shoe cut stock, exclusive of that produced in boot and shoe factories.....	7,819	8,392	8,434	8,409	8,095	7,670	7,581	7,505	7,710	7,699	7,699	7,651	7,651	75.57
Boot and shoe findings, exclusive of that produced in boot and shoe factories.....	6,714	7,617	7,476	7,169	6,895	6,631	6,399	6,272	6,449	6,292	6,292	6,496	6,496	84.5
Boots and shoes, rubber.....	191,565	200,739	203,156	189,772	189,886	188,934	191,110	193,354	191,354	186,740	186,740	183,653	183,653	90.2
Boots and shoes, rubber.....	18,637	18,325	18,286	18,613	18,513	18,773	18,773	18,752	18,752	18,617	18,617	18,517	18,517	82.1

Boxes, cigar- boxes, fancy and packing	5,835	5,801	5,538	5,748	5,765	5,747	5,765	5,833	6,000	5,948	5,701
Boxes, wooden packing	45,313	46,512	46,533	45,986	45,312	44,610	45,624	45,227	46,126	45,283	44,181
Brass, bronze, and copper products	38,545	38,056	39,850	40,317	40,876	40,320	40,832	39,851	38,517	37,147	35,984
Bread and other bakery products	40,306	39,531	40,402	41,714	41,971	41,207	40,407	39,635	39,920	38,789	35,494
Brick and tile, terra-cotta, and fire-clay products	124,052	118,655	119,908	121,564	122,561	125,121	125,583	125,581	126,722	126,721	92,4
Brooms	100,182	77,966	76,458	83,720	101,780	111,778	102,877	121,554	121,553	126,731	126,730
Brushes	5,642	5,737	5,706	5,739	5,578	5,585	5,430	5,436	5,436	5,780	5,724
Butter, reworking	14,149	12,734	12,636	12,825	13,760	14,921	15,782	15,695	15,488	14,720	14,119
Butters	304	263	262	267	290	203	312	337	309	307	350
Candles	14,511	16,451	16,832	16,639	15,874	14,733	13,909	12,482	12,424	13,181	13,915
Canning and preserving, fish	9,059	8,422	4,112	7,233	8,346	8,942	11,511	14,620	14,430	14,322	10,097
Canning and preserving, fruits and vegetables	50,325	48,842	4,884	5,137	7,233	8,346	8,942	11,511	14,430	14,322	5,352
Canning and preserving, oysters	2,057	2,797	2,973	3,344	3,216	3,333	3,917	3,017	3,017	2,239	2,239
Cardboard, not made in paper mills	1,169	1,116	1,120	1,164	1,157	1,092	1,167	1,178	1,215	1,207	1,113
Card cutting and designing	436	450	449	477	478	466	483	486	552	553	643
Carpets, rug	31,309	33,021	33,186	33,175	32,941	32,192	31,212	2,336	2,336	2,127	2,118
Carriages and wagon materials	11,087	11,985	12,274	12,445	12,870	11,907	11,392	11,049	10,588	10,127	9,728
Carriages and sleds, children's	5,195	6,195	6,150	6,056	5,892	5,637	5,562	5,562	5,575	5,575	5,585
Carriages and wagons	41,384	40,659	42,995	42,284	44,946	44,419	44,667	42,863	42,288	40,675	31,629
Cars and general shop construction and repairs	26,384	26,267	26,709	26,839	26,880	26,919	26,745	26,970	26,694	26,336	25,945
Cars, electric railroad companies	339,518	343,590	346,325	340,933	338,423	332,026	332,735	345,376	345,275	347,031	345,195
Cars, general shop construction and repairs	3,840	4,754	4,182	3,889	3,914	3,748	3,893	4,047	4,068	3,857	3,155
Cars, steam railroad, not including operations of railroad companies	54,288	63,678	56,077	55,359	51,080	50,532	53,214	56,933	55,529	56,184	45,155
Cash registers and calculating machines	8,866	10,187	10,220	10,138	10,180	9,876	9,621	9,341	8,817	7,812	7,137
Cement, not including production in lumber	21,916	27,127	25,131	26,246	28,498	29,330	30,165	26,884	29,932	29,948	29,189
Cheese	228	202	192	236	231	256	228	3,810	3,778	3,643	241
Chemicals	2,908	1,692	1,723	1,987	3,040	3,231	3,165	3,180	3,180	3,262	225
China, decorating, not including that done in pottery	32,311	32,634	32,172	32,681	32,442	31,959	31,876	31,914	31,813	32,451	32,294
Chestnut and polishing preparations	4,160	4,180	4,242	4,288	4,260	4,109	3,975	3,619	3,777	4,355	4,512
Cloaks, sponging and refinishing	1,229	1,201	1,201	1,347	1,336	1,227	1,213	1,178	1,169	1,201	4,389
Clothing, men's, buttonholes	6,754	6,979	7,030	7,084	6,874	6,732	6,780	6,515	6,615	6,745	1,243
Clothing, women's, buttonholes	1,669	1,883	1,850	1,814	1,797	1,742	1,714	1,603	1,460	1,512	1,531
Clothing, women's, suitcases	173,747	179,453	181,052	181,462	177,143	176,050	175,875	173,110	175,249	166,355	166,555
Coffee and spice, roasting and grinding	168,907	103,817	170,384	188,256	160,225	167,006	165,665	167,006	169,673	182,103	164,177
Coffins, burial cases and undertakers' goods	9,468	8,317	8,433	8,633	8,593	8,601	8,674	8,370	8,918	8,559	8,500
Coke, not including gas-house coke	21,107	22,845	22,339	24,305	23,257	22,073	21,476	21,386	20,759	20,255	17,903

NO. 194.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Feathers and plumes.....	71.0	3,829	4,051
Felt goods.....	90.4	4,011	3,952
Fertilizers.....	22,571	4,623	4,623
Files.....	30,647	4,725	4,725
Firearms.....	4,535	4,288	4,055
Fire extinguishers, chemical.....	7,437	4,176	4,048
Fireworks.....	7,255	4,176	4,048
Flags and banners.....	1,267	1,324	1,324
Flavoring extracts.....	1,407	1,324	1,324
Flax and hemp, dressed.....	162	1,324	1,324
Flour-mill and gristmill products.....	39,140	4,784	4,784
Food preparations, not elsewhere specified.....	19,139	4,784	4,784
Foundry and machine-shop products.....	360,036	4,288	4,055
Foundry supplies.....	380,036	4,288	4,055
Fouys, manufactured.....	141	1,324	1,324
Forged goods.....	9,030	4,784	4,784
Furniture.....	22,459	4,725	4,725
Furs, dressed.....	131,801	4,288	4,055
Gastronomy.....	1,225	1,324	1,324
Gas and electric fixtures.....	1,680	1,324	1,324
Gas, illuminating and heating.....	11,046	1,324	1,324
Gas, illuminating and gas and water meters.....	45,972	4,623	4,623
Glass.....	74,502	83,002	85,875
Glass, cutting, staining, and ornamenting.....	8,437	8,524	8,447
Gloves and mittens, leather.....	10,658	11,752	11,745
Gloves and starch.....	4,500	4,830	4,932
Glue, not elsewhere specified.....	3,120	3,396	3,414
Gold and silver, leaf and foil.....	1,135	1,183	1,177
Gold or silver, reducing and refining, not from the ore.....	456	471	463
Graphite, ground and refined.....	250	258	259
Grease and tallow, not including lubricating grease.....	5,050	4,973	5,056
Grindstones.....	856	558	575
Haircloth.....	95	623	618
Hair work.....	1,493	1,162	1,226
Hannocks.....	1,251	1,253	1,277
Hand stamps.....	1,377	1,382	1,386
Hardware, saddlery.....	41,213	43,036	43,403
Hat and cap materials.....	2,511	2,758	2,770
Hats and caps, other than felt, straw, and wool.....	1,775	1,844	1,803
Hats, fur-felt.....	7,322	7,200	7,238
Hats, straw.....	21,318	21,519	21,783
Hats, wool-felt.....	9,483	11,433	12,262
Hones and whetstones.....	1,219	855	884
Horseshoes, not made in steelworks or rolling mills.....	170	188	195
Hosiery and knit goods.....	588	556	545
	150,520	152,974	155,683

NO. 194.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry	Wage earners employed on the 15th day of each month or nearest representative day.											Per cent minimum forms of maxi- mum.	
	Jan- uary.	Feb- ruary.	March.	April.	May.	June.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	
Average number employed during year.													
House-furnishing goods, not elsewhere specified.	6,935	6,797	7,032	7,026	7,034	6,937	6,739	6,957	7,176	7,051	6,760	6,760	
Manufactured.....	23,011	15,444	16,860	17,138	21,023	25,896	30,825	32,104	28,806	23,085	15,940	94.2	
Leather, printing.....	1,391	1,391	1,374	1,374	1,377	1,385	1,402	1,402	1,409	1,414	1,382	97.8	
Paper, writing.....	512	463	494	502	522	552	519	519	544	493	621	95.6	
Instruments, professional and scientific.....	7,107	6,670	6,706	7,101	7,161	7,255	7,237	7,301	7,085	7,513	7,554	6,950	
On and steel, blast furnaces.....	29,326	31,808	31,921	32,183	32,382	31,752	30,921	30,921	29,921	30,407	28,612	83.2	
Steelworks and rolling mills.....	324,716	267,651	262,418	271,531	270,941	254,827	254,443	254,827	245,953	245,635	210,270	77.4	
Iron and steel, sheetworks, bolts, nuts, washers, and rivets.....	11,168	11,668	11,946	11,003	11,132	11,326	11,079	10,649	10,787	10,721	10,393	9,980	
Structures and steel, doors and shutters.....	1,985	2,028	2,028	1,921	1,980	1,944	1,817	1,857	1,858	1,867	1,139	88.9	
On and steel forgings, not made in steelworks or rolling mills.....	10,639	10,639	11,148	11,472	11,372	10,877	10,465	10,589	10,459	10,372	10,013	81.1	
On and steel rails and spikes, cut and wrought, rolling, wire rails not made in steelworks or rolling mills.....	2,644	2,775	2,743	2,786	2,721	2,612	2,562	2,650	2,651	2,565	2,625	2,644	
On and steel, cast-iron pipe.....	12,557	11,816	11,932	13,183	12,701	12,613	12,849	13,221	13,427	13,211	12,555	11,180	
On and steel, wrought pipe.....	9,834	9,724	9,836	9,744	10,764	9,947	8,804	9,766	8,811	7,486	7,008	7,074	
Iron, shell and bone-work, not including combs and harpoons.....	795	804	823	805	787	783	780	774	805	807	793	768	
Running.....	228	224	225	256	283	238	231	229	224	224	210	200	
Valley.....	28,229	30,377	29,641	29,314	28,741	28,588	27,588	26,542	26,507	28,057	27,150	27,150	
Wear and instrument cases.....	2,388	2,294	2,303	2,338	2,359	2,333	2,313	2,392	2,651	2,457	2,046	87.1	
Leather goods.....	7,987	8,221	8,224	8,308	8,388	8,336	8,336	8,336	8,060	7,891	7,491	84.2	
Belts and tags.....	2,030	2,014	2,016	2,016	2,057	2,057	2,057	2,057	2,021	2,021	2,004	95.6	
Leather, coarse, cotton.....	7,440	7,944	7,990	8,182	8,955	7,954	7,954	7,954	7,188	7,155	6,758	87.1	
Leather, fine, cotton.....	7,134	7,773	7,773	7,950	8,032	8,097	7,106	7,759	6,759	6,592	6,719	6,612	
Leather, fine, cotton, and reflectors.....	534	754	698	741	747	730	730	730	6,592	6,592	6,598	6,114	
Leatherery work, not made in tanning and meat-packing establishments.....	19	19	20	21	18	18	18	18	18	18	97	97	
Tanning and leather, tanned, curried, and finished.....	2,034	2,223	2,262	2,203	2,085	2,051	1,997	2,102	2,054	1,906	2,039	2,016	
Leather, printed, dyed, and colored.....	535	567	591	596	592	589	606	605	600	576	556	559	
Leather, printed, dyed, and colored, hair, pipe, and sheet.....	7,071	6,677	6,829	6,881	6,860	6,939	6,938	7,115	7,533	7,533	7,417	6,941	
Leather, printed, dyed, and colored, leather goods, not elsewhere specified.....	55,936	58,250	58,155	58,743	57,091	55,216	54,294	53,191	52,576	53,735	53,735	51,911	
Leather, printed, dyed, and colored, leather goods, not elsewhere specified, leather, tanned, curried, and finished.....	12,429	11,079	10,811	11,001	13,164	13,407	13,164	13,407	13,755	13,670	12,576	10,174	
Leather, printed, dyed, and colored, leather goods, not elsewhere specified, leather, tanned, curried, and finished, leather.....	3,567	3,683	3,681	3,719	3,704	3,603	3,451	3,451	3,422	3,422	3,398	3,549	
Leather, printed, dyed, and colored, leather goods, not elsewhere specified, leather, tanned, curried, and finished, leather.....	6,295	6,899	6,849	7,072	6,849	6,591	6,591	6,591	6,095	6,095	6,164	6,090	
Leather, printed, dyed, and colored, leather goods, not elsewhere specified, leather, tanned, curried, and finished, leather.....	62,070	59,343	58,970	59,310	60,626	62,681	66,933	66,933	66,423	63,559	59,551	58,707	

No. 194.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.										Per cent minimum forms of maximum.	
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	
Photographs and graphphones.	9,381	9,276	9,050	9,413	9,441	9,617	9,177	9,523	9,673	8,743	9,017	9,635	10,007
Photo-engraving, not done in printing establishments.	6,211	6,317	6,265	6,306	6,339	6,298	6,207	6,136	6,121	6,080	6,132	6,157	6,191
Photographic apparatus.	2,016	2,087	2,169	2,192	2,166	2,110	2,012	1,978	1,854	1,882	1,813	1,813	95.9
Photographic materials.	6,658	6,919	7,020	7,024	7,012	6,919	6,879	6,888	6,800	6,296	6,117	5,081	5,072
Pickles, preserves, and sauces.	12,550	10,276	10,742	10,335	10,026	10,179	11,641	12,312	14,351	18,136	17,650	12,980	11,331
Pipes, tobacco.	2,354	2,381	2,442	2,477	2,439	2,463	2,371	2,205	2,314	2,333	2,371	2,168	87.4
Plated ware.	8,747	8,817	9,191	9,049	8,904	8,664	8,204	8,448	8,594	8,734	8,622	8,280	89.3
Plumbers' supplies, not elsewhere specified.	18,479	17,896	18,383	18,488	18,529	18,502	19,047	19,372	19,394	18,718	17,722	17,205	88.7
Pocketbooks.	1,468	1,300	1,320	1,545	1,506	1,432	1,392	1,388	1,517	1,627	1,695	1,492	1,348
Pottery.	26,715	26,034	26,732	27,240	27,301	27,090	26,668	25,565	26,751	26,963	27,188	26,737	26,719
Poultry, killing and dressing.	1,332	1,405	1,406	1,700	804	985	1,016	1,053	1,053	1,060	1,053	1,060	92.6
Printing and publishing, book and job.	113,121	114,868	115,215	116,926	114,034	113,221	112,223	110,453	110,473	111,890	112,832	112,726	112,880
Printing and publishing, music.	873	893	890	891	877	850	845	845	849	873	877	884	91.8
Printing and publishing, newspapers and periodicals.	114,375	114,492	114,495	114,835	114,812	114,842	114,145	112,555	112,504	113,684	115,041	115,248	115,334
Printing materials.	422	411	409	411	429	436	413	410	451	422	451	445	434
Pulp goods.	1,654	1,705	1,800	1,860	1,704	1,767	1,701	1,592	1,600	1,519	1,451	1,403	1,435
Pulp wood.	421	421	523	523	155	370	474	505	451	445	456	451	77.9
Pumps, including power pumps.	2,134	2,280	2,263	2,313	2,305	2,217	2,151	2,132	2,015	1,907	1,962	1,930	2,013
Pumps, steam and other pumps.	6,188	6,605	6,608	6,605	6,492	6,426	6,106	6,366	6,224	6,027	5,710	5,422	5,309
Refrigerators.	5,617	6,056	6,260	6,361	6,339	6,231	5,902	5,446	4,462	4,486	4,802	5,422	5,183
Regalia and society badges and emblems.	2,010	1,971	2,007	2,023	2,121	2,100	1,987	1,916	1,928	2,005	1,943	1,918	70.5
Rice, cleaning and polishing.	1,253	1,758	1,669	1,342	1,175	619	344	632	608	1,367	1,701	1,852	1,848
Roofing materials.	4,088	3,925	3,787	4,032	4,232	4,235	4,230	4,205	4,131	4,325	4,314	3,970	3,799
Rubber goods, not elsewhere specified.	50,220	47,301	50,788	54,073	57,317	58,246	54,624	51,414	46,617	46,920	45,581	44,574	45,271
Rules, ivory and wood.	408	515	453	472	455	400	393	392	370	352	352	344	333
Saddlery and harness.	12,962	13,765	13,854	13,675	13,390	13,153	12,831	12,450	12,165	11,376	12,401	12,679	13,491
Safes and vaults.	2,972	3,143	3,200	3,192	3,157	3,103	3,075	2,978	2,842	2,760	2,777	2,721	2,757
Salt.	5,039	4,731	4,664	4,874	4,876	5,036	5,126	5,107	5,221	5,448	5,492	5,159	4,971
Sand and tannery paper and cloth.	6,511	747	736	726	724	621	622	625	625	653	715	729	82.5
Sand lime brick.	557	404	526	493	514	714	720	686	702	694	515	476	430
Sausage, not made in slaughtering and meat-packing establishments.	2,244	2,270	2,259	2,228	2,177	2,174	2,186	2,218	2,250	2,270	2,303	2,284	94.2
Saws.	4,560	4,550	4,784	4,885	4,774	4,704	4,654	4,491	4,382	4,299	4,096	4,294	4,268
Scales and balances.	4,457	4,559	4,887	4,885	4,774	4,704	4,711	4,616	4,490	4,118	3,941	4,096	39.2
Screws, machine.	3,814	3,808	3,643	3,003	3,943	3,815	3,688	3,688	3,555	3,344	3,388	3,273	33.0

Scissors, wood.....	4,355	4,503	4,459	4,264	3,966	3,820	3,704	32.5
Sewing machine cases.....	4,236	4,255	4,183	4,027	4,110	3,952	2,880	64.4
Sewing machine and attachments.....	16,056	15,803	14,759	14,085	14,645	12,819	12,312	72,750
Shipbuilding, iron and steel.....	33,508	36,262	35,435	36,636	36,773	34,822	32,907	22,449
Shipbuilding, wooden, including boat building ships.....	10,931	10,341	11,746	12,305	12,794	12,338	10,639	28,743
Shirts.....	56,972	56,006	56,487	56,659	54,890	53,483	51,345	10,082
Show cases.....	2,301	2,355	2,392	2,395	2,374	2,201	2,194	2,127
Signs and advertising novelties.....	9,288	9,256	9,256	9,252	9,613	9,606	9,927	2,122
Silk cords, including thin ribbons.....	105,170	105,769	105,712	110,819	111,706	112,761	107,700	101,142
Silversmithing and Silverware.....	7,283	7,288	7,214	7,010	6,973	6,929	6,887	100,055
Slatting and mesh, packing.....	98,832	106,613	103,062	99,633	94,030	95,108	94,845	29,107
Smelting and refining, copper.....	1,7731	20,773	19,887	20,331	20,811	20,725	20,837	50,052
Smelting and refining, lead.....	7,735	7,752	7,564	7,541	7,560	7,512	7,640	12,325
Smelting and refining, zinc.....	9,745	9,663	9,663	9,682	9,683	9,663	9,459	9,295
Soot.....	2,828	2,732	2,777	2,892	2,901	2,779	2,713	2,667
Soda-water apparatus.....	14,172	14,212	14,325	14,427	14,461	14,118	14,188	13,927
Sporting and athletic goods.....	5,230	5,220	5,271	5,409	5,477	5,312	5,407	2,157
Steaks, meat, car, and carriage, not made in steaks or rolling mills.....	5,602	5,593	5,886	5,961	5,173	5,617	5,407	5,416
Stamping and enameling, ware, not elsewhere specified.....	3,703	3,584	3,566	3,790	3,818	3,806	3,632	3,528
Stationery goods, not elsewhere specified.....	28,731	28,732	29,787	30,785	30,537	30,046	29,187	28,374
Stationery and art goods.....	7,728	7,601	7,737	7,953	7,870	7,904	7,946	7,720
Steam fittings and steam and hot-water heating apparatus.....	1,988	1,907	1,956	1,956	1,941	1,951	1,921	2,086
Steam packing.....	26,338	26,338	27,061	27,388	26,767	26,483	26,071	26,641
Stamps and brands.....	4,213	4,506	4,489	4,479	4,273	4,293	4,185	4,241
Stereotyping and electrotyping.....	3,457	3,470	3,453	3,511	3,493	3,494	3,487	3,465
Stoves and hot-air furnaces.....	29,535	27,112	30,828	31,650	31,496	30,892	30,524	26,757
Structural ironwork, not made in steelworks or rolling mills.....	7,790	7,622	8,127	8,373	8,612	8,455	8,709	7,033
Sugar, beet.....	47,187	46,876	45,859	45,744	46,508	45,279	46,880	50,214
Sugar, refining, cane.....	7,997	6,593	6,537	6,767	6,733	6,164	3,989	4,045
Sulphuric, nitric, and mixed acids.....	3,064	2,855	2,627	2,537	2,473	2,493	2,893	2,926
Surgical appliances.....	4,282	4,121	4,261	4,276	4,244	4,249	4,192	3,007
Suspenders, garters, and elastic-woven goods.....	9,646	9,722	9,915	10,027	9,942	9,710	9,588	9,664
Theatrical scenery.....	5,88	5,80	5,81	5,78	5,87	5,90	5,530	5,448
Tin plate and terneplate.....	5,238	5,222	5,277	5,636	5,702	5,501	5,930	4,943
Tin foil.....	1,031	963	978	1,002	1,006	1,004	1,006	1,006
Tinware, not elsewhere specified.....	22,534	20,485	21,422	22,187	23,204	23,204	23,505	24,134
Tobacco, chewing and snuff.....	25,930	26,855	27,382	27,995	27,566	26,320	25,670	24,627
Tobacco, cigars, and cigarettes.....	152,882	151,988	153,232	153,488	149,915	152,070	152,213	155,303
Tools, not elsewhere specified.....	16,866	17,833	17,812	19,910	17,734	17,346	16,746	16,806
Toys and games.....	7,587	6,745	6,453	6,633	7,81	7,501	7,861	8,712
Trunks and valises.....	9,911	9,816	10,324	10,427	10,633	10,318	10,174	9,935
Turpentine and rosin.....	33,717	33,884	35,759	37,408	37,767	37,647	35,759	31,747
Type founding.....	1,054	1,060	1,054	1,054	1,054	1,054	1,054	1,054
Typewriters and supplies.....	13,074	13,164	13,074	13,273	13,228	12,891	12,564	11,953
Total.....	160,288	160,288	160,288	160,288	160,288	160,288	160,288	160,288
Year.....	1920	1920	1920	1920	1920	1920	1920	1920
Page.....	20	20	20	20	20	20	20	20

Typewriters and supplies.....

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No. 194.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Wage earners employed on the 15th day of each month or nearest representative day.										Per cent from maximum forms of maxi- mum.	
	Jan. uary	Febr. uary	March	April	May	June	July	Aug. ust	Sep. tember	Octo. ber	Novem. ber	
Average number employed during year.												
Umbrellas and canes.	5,015	5,150	5,133	5,060	4,981	4,760	4,473	4,469	4,735	4,519	4,470	36.8
Upholstering materials, not elsewhere specified.	4,426	4,535	4,471	4,523	4,562	4,574	4,331	4,298	4,216	4,185	4,294	92.8
Varnishes.	2,734	2,721	2,776	2,811	2,874	2,881	2,882	2,737	2,684	2,616	2,606	90.4
Vault lights and ventilators.	601	545	640	555	582	616	633	620	635	639	633	94.5
Vinegar and cider.	1,229	776	768	777	776	776	815	806	1,006	1,651	2,477	1,533
Wall paper, not made in paper mills.	4,735	5,117	5,466	5,202	4,864	4,448	4,007	3,945	8,176	4,633	5,234	30.4
Wall plaster.	5,339	4,906	4,998	5,200	6,695	5,691	5,697	5,691	5,750	5,366	5,361	57.6
Washing machines and clothes wringers.	2,302	2,371	2,461	2,512	2,503	2,528	2,324	2,316	2,152	5,016	2,090	35.1
Waste.	2,966	2,975	3,050	3,108	3,052	3,027	3,074	2,864	3,030	2,947	2,733	78.9
Watch and clock materials.	670	727	715	706	695	686	633	629	628	646	661	55.7
Watchcases.	3,514	3,837	3,859	3,855	3,805	3,699	3,639	3,283	3,382	3,209	3,161	5,057
Watches.	12,360	12,813	12,885	12,913	12,487	12,357	12,388	11,642	12,155	12,167	12,280	78.4
Wheelbarrows.	295	297	287	297	406	416	459	305	290	276	284	90.2
Whips.	1,163	1,159	1,203	1,205	1,213	1,196	1,188	1,154	1,138	1,112	1,135	63.4
Windmills, not elsewhere specified.	1,935	2,051	2,064	2,077	2,102	2,064	2,006	1,980	1,949	1,933	1,739	91.7
Window shades and weather strips.	3,194	3,089	3,214	3,445	3,875	3,924	3,756	3,786	3,010	2,887	2,772	82.7
Wire.	4,077	4,056	4,070	4,144	4,230	4,239	4,139	3,910	4,000	4,085	4,041	4,019
Wirework, including wire rope and cable, not elsewhere specified.	11,600	18,483	13,733	18,816	18,363	17,575	17,200	15,906	17,328	11,207	16,365	86.4
Wood carpet.	12,554	12,648	12,756	12,744	12,555	12,106	11,908	11,630	11,707	11,825	11,756	91.0
Wood distillation, not including turpentine and resin.	196	122	120	135	164	166	200	191	194	212	166	55.6
Wood preserving.	2,732	3,531	3,359	2,587	2,552	2,463	2,453	2,434	2,607	2,664	2,721	2,787
Wood turned and carved.	2,880	2,809	2,544	2,811	2,848	2,943	2,943	3,131	3,131	2,839	2,772	2,694
Wooden goods, not elsewhere specified.	11,615	12,414	12,655	12,512	12,345	11,870	11,308	11,093	10,955	10,861	10,985	11,202
Wool pulling.	6,418	6,473	6,681	6,676	6,794	6,354	6,388	6,279	6,258	6,964	6,251	6,311
Wool scouring.	703	738	720	730	723	706	671	658	690	673	670	78.8
Wooden and worsted goods.	1,059	1,054	1,132	1,101	1,087	1,199	1,118	1,096	1,096	906	1,047	96.4
Woolshoddy.	155,692	155,202	165,445	163,839	165,175	161,665	163,625	156,463	153,601	157,832	160,027	1,115
All other.	2,445	357	2,143	2,224	2,230	2,230	2,188	2,157	2,097	2,641	2,034	2,288
Total.	7,036,337	7,075,682	7,141,594	7,242,729	7,217,320	7,143,650	7,100,383	7,018,307	7,020,833	7,058,915	7,008,331	6,736,968

¹ All other includes "Millstones," 2 establishments; "Ordnance and accessories," 2 establishments; "Pulp, from fiber other than wood," 3 establishments; and "Whalebone cutting," 1 establishment.

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No. 195.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment is shown by black figures and the minimum month by italic figures.]

State.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.										Per cent minimum forms of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	
Alabama.....	78,717	81,668	83,080	81,455	79,203	75,532	79,646	79,181	78,231	73,232	73,032	87.9
Arizona.....	6,368	7,079	7,053	7,432	7,055	7,714	7,715	6,212	5,847	5,946	6,039	75.2
Arkansas.....	41,919	41,118	40,636	41,252	41,011	41,395	42,370	44,655	45,506	42,951	40,265	38,810
California.....	139,481	119,688	121,611	126,749	138,500	140,511	144,761	127,054	121,574	132,945	121,683	124,030
Colorado.....	27,278	26,816	26,519	26,389	26,170	26,667	27,054	27,994	27,959	31,004	29,667	28,417
Connecticut.....	226,264	228,033	230,542	233,083	231,433	228,252	223,931	219,789	222,889	223,118	220,383	221,543
Delaware.....	22,155	21,485	21,304	21,861	21,776	21,485	21,418	21,134	21,342	18,922	18,187	16,187
District of Columbia.....	8,877	8,696	8,672	8,658	8,725	9,003	8,869	8,765	8,895	8,945	8,924	8,924
Florida.....	55,608	55,647	55,831	56,395	55,066	56,985	56,764	57,775	55,924	55,071	55,354	55,194
Georgia.....	104,461	109,508	113,286	115,489	106,939	101,939	101,703	100,895	100,934	100,428	98,749	97,761
Idaho.....	9,919	9,915	6,444	7,577	8,738	9,853	10,583	10,363	10,069	9,831	8,785	7,806
Illinois.....	509,933	517,915	517,752	521,505	508,065	512,246	505,982	502,603	504,543	495,635	488,164	483,275
Indiana.....	197,503	196,935	198,650	203,312	203,317	203,442	193,167	199,301	201,206	195,460	180,265	176,939
Iowa.....	63,113	61,051	60,586	62,144	62,970	62,052	63,553	67,845	67,035	65,639	60,946	55,9
Kansas.....	41,259	40,351	39,748	39,966	40,170	40,881	41,295	42,361	41,534	42,283	42,760	41,354
Kentucky.....	64,586	63,088	63,832	65,884	66,072	65,995	65,633	65,207	66,145	68,067	64,742	61,931
Louisiana.....	77,665	78,446	78,311	79,905	76,904	76,265	77,889	76,845	75,153	78,032	81,183	77,985
Maine.....	82,149	82,527	82,406	81,457	79,169	83,812	80,810	79,811	88,053	87,519	83,540	82,6
Massachusetts.....	111,535	106,827	106,889	105,456	110,467	110,968	110,879	107,202	123,844	134,437	118,633	101,335
Maryland.....	606,698	626,776	628,535	632,583	628,344	619,052	611,928	595,609	585,763	589,194	560,992	587,141
Michigan.....	271,090	273,087	277,824	282,176	281,040	278,103	269,532	268,399	274,164	273,866	270,454	254,678
Minnesota.....	92,884	98,336	100,110	99,982	92,417	92,257	92,310	92,007	91,218	89,739	90,525	88,9
Mississippi.....	46,702	48,363	47,519	47,810	47,230	45,296	45,097	46,143	47,304	48,010	47,774	45,831
Missouri.....	152,132	151,233	151,799	155,240	156,968	155,556	156,290	156,265	154,431	152,048	141,538	143,937
Montana.....	13,704	14,260	13,154	13,187	14,395	15,172	15,250	15,677	13,233	12,335	12,920	12,417
Nebraska.....	25,144	24,159	23,704	24,103	24,560	25,147	24,626	25,726	26,795	26,017	24,859	24,633
Nevada.....	3,655	3,919	3,955	3,969	3,884	3,944	4,042	3,599	3,232	2,954	2,803	2,803
New Hampshire.....	78,993	82,243	81,216	80,099	9,344	78,427	78,018	77,279	76,932	77,402	76,983	93,1
New Jersey.....	373,605	377,720	381,166	383,830	380,376	379,332	371,217	367,483	372,681	382,322	356,057	92,8
New Mexico.....	3,776	3,821	3,623	3,605	3,304	3,926	3,926	4,032	3,927	3,606	3,614	3,614

No. 195.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS—Con.

State.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.										Percent minimum forms of maxi- mum.	
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	
New York.....	1,055,837	1,055,575	1,094,773	1,084,215	1,067,630	1,053,471	1,033,953	1,037,475	1,067,384	1,072,512	1,034,649	1,014,893	92.7
North Carolina.....	138,844	138,533	141,731	140,511	139,150	137,182	135,772	135,011	134,465	133,804	133,544	132,911	93.9
North Dakota.....	2,000	2,054	2,104	2,076	2,047	2,027	2,007	2,003	2,000	2,004	2,003	2,000	81.5
Ohio.....	510,435	511,055	524,663	534,347	523,653	518,207	513,653	513,554	513,533	513,397	513,335	513,335	89.2
Oklahoma.....	11,443	11,365	11,436	11,436	11,436	11,436	11,436	11,436	11,436	11,436	11,436	11,436	89.2
Oregon.....	28,239	26,154	26,727	30,806	31,596	31,540	30,505	29,243	28,421	26,531	24,876	24,876	96.4
Pennsylvania.....	924,473	946,481	949,918	932,114	955,614	942,197	946,124	914,502	917,927	902,731	873,153	873,153	78.5
Rhode Island.....	113,425	116,501	116,597	116,655	116,549	115,601	114,619	111,600	110,936	112,035	110,056	109,267	90.8
South Carolina.....	71,914	75,728	76,568	77,256	73,326	71,200	69,830	69,334	68,285	69,215	68,557	71,259	92.8
South Dakota.....	3,788	3,490	3,492	3,560	3,588	3,715	3,794	3,873	3,990	3,990	4,087	4,087	88.4
Tennessee.....	74,373	72,538	74,236	76,116	77,312	76,040	76,450	76,034	76,047	75,559	72,622	70,299	84.7
Texas.....	74,933	75,539	75,217	72,361	72,219	73,078	75,770	76,983	75,588	75,588	73,684	73,318	88.2
Vermont.....	13,894	13,035	12,882	13,101	13,386	14,262	15,401	14,792	15,794	15,625	13,334	12,037	93.8
Virginia.....	32,704	33,238	32,073	34,155	34,194	33,125	33,254	33,273	32,208	31,615	31,571	31,760	78.4
Washington.....	102,820	100,725	103,302	106,175	105,902	102,916	101,697	101,418	108,590	106,016	96,944	93,522	91.3
West Virginia.....	67,205	55,748	62,691	69,411	73,354	74,736	75,182	72,996	73,757	70,227	64,047	63,071	86.1
Wisconsin.....	74,078	71,642	71,608	76,664	76,677	76,205	73,322	69,580	71,044	71,664	68,243	68,243	70.6
Wyoming.....	194,310	197,347	203,166	205,512	199,210	196,641	196,523	196,170	196,632	187,342	182,227	182,227	81.6
Total.....	7,036,337	7,075,632	7,141,594	7,242,752	7,217,320	7,148,650	7,100,363	7,018,867	7,020,633	7,006,815	6,735,698	6,649,284	91.7
<i>Geographic divisions:</i>													
New England.....	1,140,233	1,169,628	1,173,596	1,180,950	1,170,517	1,163,457	1,166,790	1,119,833	1,107,731	1,121,361	1,122,946	1,109,684	92.9
Middle Atlantic.....	2,255,940	2,376,868	2,465,982	2,438,653	2,423,659	2,392,603	2,388,927	2,325,574	2,319,722	2,337,722	2,347,907	2,275,010	84.7
East North Central.....	1,880,281	1,660,039	1,722,595	1,747,389	1,733,255	1,709,904	1,699,784	1,677,985	1,678,450	1,685,193	1,683,747	1,660,307	89.8
West North Central.....	383,595	381,680	382,633	384,991	383,777	383,545	386,597	387,376	388,463	386,188	386,188	386,188	89.8
South Atlantic.....	683,342	688,891	694,253	705,069	704,412	694,994	686,545	675,549	691,443	711,706	686,227	645,080	637,026
East South Central.....	284,378	265,657	267,065	274,940	272,229	266,539	265,112	268,677	268,336	261,419	213,333	245,648	89.5
West South Central.....	211,940	212,921	210,868	210,944	210,670	207,999	209,147	215,553	214,843	213,191	214,659	213,013	90.0
Mountain.....	31,113	35,308	35,620	35,589	32,396	35,382	38,809	34,922	35,504	37,585	37,585	37,585	86.5
Pacific.....	235,516	204,590	211,017	224,857	239,409	247,313	251,484	260,344	259,044	245,889	199,639	199,639	75.2

1 For States included in each division, see note 5, p. 32.

No. 196.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR, 1914.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Prevailing hours of labor per week.	Average number employed.	Per cent of total.	Prevailing hours of labor per week.	Average number employed.	Per cent of total.
48 hours and under.....	831,779	11.8	Between 60 and 72 hours.....	249,026	3.5
Between 48 and 54 hours.....	944,562	13.4	72 hours.....	106,080	1.5
54 hours.....	1,813,079	25.8	Over 72 hours.....	59,775	.8
Between 54 and 60 hours.....	1,647,374	22.0	Total	7,636,337	100.0
60 hours.....	1,484,682	21.1			

No. 197.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1919.

(Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained in the principal cities of the United States, 41 cities being covered for 1914, 47 cities for 1919, 48 cities for 1916, 56 for 1917, 58 for 1918, and 61 for 1919. The relative hours are percentages which indicate the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes. The relative wages are percentages which indicate the change in wages per hour and per full-time week. Hours and rates for 1913=100. The figures are based on the scale prevailing May 1, 1914 and 1915, and May 15, 1916, 1917, 1918, and 1919.)

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.
Building trades.												
Bakers.												
Bricklayers.												
1914..	99	102	102	100	102	102	100	100	100	100	101	101
1915..	99	103	103	99	103	102	100	100	100	100	101	100
1916..	98	107	106	99	104	103	100	100	100	99	106	104
1917..	98	117	114	99	107	106	100	103	103	98	117	112
1918..	98	142	136	99	115	114	100	111	111	98	137	130
1919..	93	186	170	99	128	127	100	113	113	96	156	145
Building trades—Continued.												
Carpenters.			Carpenters, parquetry-floor layers.			Cement workers.			Cement workers' helpers.			
1914..	100	102	102	100	106	106	99	101	100	100	101	100
1915..	100	103	103	100	107	107	99	102	101	100	101	101
1916..	99	106	106	100	108	108	98	103	101	100	102	101
1917..	99	115	115	100	120	116	97	109	106	100	106	108
1918..	98	120	125	95	134	124	96	120	117	99	124	123
1919..	98	146	144	95	154	142	95	135	130	90	141	140
Building trades—Continued.												
Cement workers' laborers.			Engineers, portable and hoisting.			Hod carriers.			Inside wiremen.			
1914..	100	100	100	100	101	101	99	101	101	100	103	103
1915..	100	100	99	102	101	101	99	102	102	99	105	104
1916..	100	103	103	99	103	101	99	105	105	98	107	106
1917..	100	110	108	98	108	106	99	117	117	98	114	112
1918..	100	128	128	97	124	120	99	137	136	97	127	124
1919..	99	145	144	96	136	130	98	160	159	97	146	141
Building trades—Continued.												
Inside wiremen, fixture hangers.			Lathers.			Marble setters.			Marble-setters' helpers.			
1914..	99	106	105	100	102	102	100	101	101	100	101	100
1915..	98	106	105	99	103	103	100	102	102	100	101	100
1916..	96	110	107	99	106	105	100	102	102	100	101	100
1917..	96	118	114	99	110	109	100	103	102	100	107	107
1918..	96	129	125	99	119	117	100	108	107	100	112	112
1919..	95	144	130	99	132	130	99	120	119	100	128	123

No. 197.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1919—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
Building trades—Continued.												
	Painters.			Painters, fresco.			Painters, sign.			Plasterers.		
1914..	100	103	103	99	104	104	100	100	100	100	101	100
1915..	100	104	104	99	104	104	99	100	100	99	101	100
1916..	99	113	112	98	117	115	99	103	102	98	105	103
1917..	98	117	116	98	118	116	99	107	106	98	108	106
1918..	98	129	127	98	122	120	99	117	116	98	113	111
1919..	97	151	149	98	143	141	99	141	139	98	131	128
Building trades—Continued.												
	Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.			Steam fitters.		
1914..	100	97	102	100	101	101	100	104	104	99	102	101
1915..	100	97	102	100	102	102	100	105	105	99	104	103
1916..	99	99	104	99	103	102	99	107	106	99	106	105
1917..	99	106	111	99	107	105	99	112	111	98	110	109
1918..	99	122	128	98	117	116	98	131	129	97	121	118
1919..	99	139	146	98	133	131	98	144	141	97	135	132
Building trades—Continued.												
	Steam fitters' helpers.			Stonemasons.			Structural-iron workers.			Structural-iron workers, finishers.		
1914..	101	102	102	100	103	103	100	102	102	100	102	102
1915..	101	105	104	100	104	104	100	102	102	100	102	102
1916..	100	106	106	100	106	105	100	104	103	100	104	104
1917..	100	113	112	100	110	109	99	110	109	99	109	108
1918..	99	131	128	100	120	120	99	126	125	99	123	122
1919..	99	157	154	99	135	133	99	143	141	99	137	137
Building trades—Continued.												
	Structural-iron workers, finishers' helpers.			Tile layers.			Tile layers' helpers.			Chaussieurs.		
1914..	100	101	101	100	101	101	100	101	101	100	101	101
1915..	100	101	101	100	101	101	98	104	103	99	102	101
1916..	100	101	101	99	103	102	98	108	106	97	106	104
1917..	98	110	108	99	108	106	97	111	108	96	113	109
1918..	98	123	121	99	111	109	97	114	112	94	131	123
1919..	98	148	146	98	121	119	97	139	134	90	163	146
Chaussieurs, teamsters, and drivers—Continued.												
	Teamsters and drivers.			Miscellaneous occupations.			Freight handlers.			Granite and stone trades.		
1914..	100	102	102	100	101	101	100	103	103	100	101	100
1915..	99	103	102	100	102	102	100	103	103	100	101	101
1916..	99	107	106	99	105	104	100	116	117	100	105	105
1917..	98	114	112	96	110	107	100	119	119	100	109	109
1918..	97	133	128	(1)	(1)	(1)	93	149	130	100	130	130
1919..	98	170	158	(1)	(1)	(1)	77	193	149	100	154	153

¹ Data not available.

No. 197.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1919—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	
	Granite and stone trades—Continued.			Metal trades.									
	Stone cutters.			Blacksmiths.			Blacksmiths' helpers.			Boiler makers.			
1914..	100	104	104	100	102	102	100	101	101	100	100	100	
1915..	100	105	105	100	102	102	100	104	104	100	101	100	
1916..	100	106	105	99	106	105	99	100	107	106	106	103	
1917..	100	111	110	99	114	112	98	122	119	97	114	111	
1918..	100	118	117	94	163	153	94	178	168	95	154	146	
1919..	100	140	138	92	178	183	92	199	182	93	172	159	
	Metal trades—Continued.												
	Boiler makers' helpers.			Core makers.			Machinists.			Machinists' helpers.			
1914..	100	101	100	100	101	101	99	102	101	100	100	100	
1915..	100	101	101	100	102	102	99	102	102	100	100	100	
1916..	98	108	105	99	109	108	97	116	112	100	107	107	
1917..	97	114	111	99	123	121	96	127	123	100	118	117	
1918..	96	157	150	98	157	154	94	167	159	97	150	146	
1919..	94	179	167	94	177	166	93	183	174	94	168	159	
	Metal trades—Continued.												
	Millwork.												
	Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.			Carpenters.			
1914..	100	100	100	100	101	101	99	101	100	97	102	98	
1915..	100	101	101	100	101	101	99	101	100	97	103	99	
1916..	97	108	105	98	110	107	99	108	107	95	107	102	
1917..	96	120	116	97	124	120	97	124	119	94	115	107	
1918..	95	149	143	97	157	150	95	163	156	92	128	118	
1919..	92	178	165	93	180	165	93	192	178	90	152	138	
	Millwork—Continued.												
	Printing and publishing: Book and job.												
	Painters, hardwood finishers.			Bookbinders.			Compositors.			Electrotypers: Batterymen and builders.			
1914..	99	105	104	100	102	102	100	103	103	100	105	105	
1915..	99	108	108	100	102	102	100	103	103	100	108	108	
1916..	99	122	121	100	102	102	100	105	105	100	111	111	
1917..	99	124	122	100	108	108	100	107	107	100	116	115	
1918..	99	131	129	100	122	121	100	119	119	100	126	125	
1919..	98	160	156	100	155	155	100	145	145	100	146	146	

No. 197.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1919—Continued.

Year.	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-	Rela-
	tive full- time hours per week.	ta- tive rate of wages per hour.	tive rate of wages per week,	full- time	ta- tive rate of hours per week.	ta- tive rate of wages per hour.	full- time	ta- tive rate of hours per week.	ta- tive rate of wages per hour.	full- time	ta- tive rate of hours per week.
Printing and publishing: Book and job—Continued.											
	Electrotypes: Finish- ers and molders.			Linotype operators.			Machine tenders.			Machinist operators.	
1914..	100	104	104	100	101	101	100	100	100	100	101
1915..	100	106	106	100	101	101	100	101	101	100	101
1916..	100	109	109	100	102	102	100	101	102	101	102
1917..	100	112	112	100	104	104	100	103	104	101	103
1918..	100	117	117	100	113	113	100	113	114	101	107
1919..	100	133	133	100	137	137	100	139	140	101	122
Printing and publishing: Book and job—Continued.											
	Press feeders.			Pressmen, cylinder.			Pressmen, platen.			Compositors, daywork.	
1914..	100	103	103	100	102	102	100	102	102	100	101
1915..	100	103	103	100	102	102	100	102	102	100	101
1916..	100	104	104	100	104	104	100	104	104	100	102
1917..	100	135	110	100	106	106	100	109	109	100	105
1918..	100	158	128	100	117	117	100	120	120	100	110
1919..	100	204	165	100	147	142	100	148	148	100	132
Printing and publishing: Newspaper—Continued.											
	Compositors, nightwork.			Linotype operators, daywork.			Linotype operators, daywork (piecework).			Linotype operators, nightwork.	
1914..	100	101	101	100	101	101	100	100	-----	100	101
1915..	100	101	101	99	102	102	100	100	-----	100	102
1916..	100	102	101	99	103	102	100	100	-----	100	102
1917..	100	104	104	99	106	105	102	101	-----	99	105
1918..	100	108	108	99	110	109	102	102	-----	100	108
1919..	100	131	130	99	134.	133	103	117	-----	100	132
Printing and publishing: Newspaper—Continued.											
	Linotype operators, nightwork (piecework).			Machine tenders, daywork.			Machine tenders, nightwork.			Machinist operators, daywork.	
1914..	100	1100	-----	100	101	100	100	100	100	100	100
1915..	100	1100	-----	100	101	101	100	101	101	100	100
1916..	99	1100	-----	100	101	101	100	101	101	100	102
1917..	101	1100	-----	100	103	102	100	102	102	100	104
1918..	101	1102	-----	100	108	108	100	107	107	100	106
1919..	102	1114	-----	100	138	138	100	135	135	100	112

¹ Based on price per 1,000 ems, nonpareil.

No. 197.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1914 TO 1919—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full-time.
Printing and publishing: Newspaper—Continued.												
	Machinist operators, nightwork.			Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.			Stereotypers, daywork.		
1914..	100	100	100	100	101	101	100	101	101	100	101	101
1915..	100	100	100	100	101	101	100	101	101	100	101	101
1916..	100	100	100	100	102	102	100	102	102	100	102	102
1917..	99	104	103	100	104	104	100	103	103	100	105	105
1918..	102	105	107	100	113	113	100	111	111	100	109	109
1919..	102	116	118	101	116	137	100	139	138	100	123	123
Printing and publishing: Newspaper—Con.												
	Stereotypers, nightwork.											
1914..	100	101	101									
1915..	100	101	101									
1916..	100	102	102									
1917..	100	105	104									
1918..	99	109	109									
1919..	99	123	122									

No. 198.—MINING AND METALLURGICAL INDUSTRIES: NUMBER OF MEN EMPLOYED, CALENDAR YEARS 1916, 1917, AND 1918.

[Source: Bureau of Mines, Department of the Interior.]

Industry.	1916	1917	1918	Industry.	1916	1917	1918
Coal mines	720,971	757,317	762,426	Ore-dressing plants...	22,365	24,111	21,809
Coke ovens	31,903	32,417	32,389	Quarries.....	90,797	82,290	68,232
Metal mines	204,885	200,579	182,606	Total.....	1,120,099	1,141,000	1,107,461
Smelting plants	43,829	44,376	23,899				

¹ Excluding iron and steel furnaces.

² In addition, 18,044 men were employed in 1918 in shops auxiliary to the main works.

No. 199.—**WAGES OF HIRED FARM LABOR: MONTHLY AND DAILY, WITH AND WITHOUT BOARD, CALENDAR YEARS 1866 to 1919.**

[Source: Reports of the Department of Agriculture.]

Year.	By the month.		Day labor at harvest.		Day labor not harvest.	
	With board.	Without board.	With board.	Without board.	With board.	Without board.
1866.....	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1866.....	17.45	26.87	1.74	2.20	1.08	1.49
1869.....	16.55	25.92	1.74	2.20	1.02	1.41
1875.....	12.72	19.87	1.35	1.70	.78	1.03
1879.....	10.43	16.42	1.00	1.30	.59	.81
1882.....	12.41	18.94	1.15	1.48	.67	.93
1885.....	12.34	17.97	1.10	1.40	.67	.91
1888.....	12.36	18.24	1.02	1.31	.67	.92
1890.....	12.45	18.33	1.02	1.30	.68	.92
1892.....	12.54	18.60	1.02	1.30	.67	.92
1893.....	13.29	19.10	1.03	1.24	.69	.89
1894.....	12.16	17.74	.93	1.13	.63	.81
1895.....	12.02	17.69	.92	1.14	.62	.81
1898.....	13.43	19.38	1.05	1.30	.72	.96
1899.....	14.07	20.23	1.12	1.37	.77	1.01
1902.....	16.40	22.14	1.34	1.53	.89	1.13
1910.....	19.21	27.50	1.45	1.82	1.06	1.38
1911.....	20.18	28.77	1.49	1.85	1.09	1.42
1912.....	20.81	29.58	1.54	1.87	1.14	1.47
1913.....	21.38	30.31	1.57	1.94	1.16	1.50
1914.....	21.05	29.88	1.55	1.91	1.13	1.45
1915.....	21.26	30.15	1.56	1.92	1.13	1.47
1916.....	23.25	32.83	1.69	2.07	1.26	1.62
1917.....	28.87	40.43	2.03	2.54	1.56	2.02
1918.....	34.92	48.80	2.65	3.22	2.07	2.63
1919.....	39.82	56.29	3.15	3.83	2.45	3.12

WAGES IN AGRICULTURE.

No. 200.—WAGES OF HIRED FARM LABOR: MONTHLY AND DAILY, WITH AND WITHOUT BOARD, CALENDAR YEARS 1910, 1918, AND 1919, BY STATES AND GEOGRAPHIC DIVISIONS.

[Source: Department of Agriculture.]

State.	Per month.										Per day at harvest.										Per day other than harvest.													
	With board.					Without board.					With board.					Without board.					With board.			Without board.										
	1910	1918	1919	1910	1918	1910	1918	1919	1910	1918	1910	1918	1919	1910	1918	1919	1910	1918	1919	1910	1918	1919	1910	1918	1919									
Alabama.....	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.								
Arizona.....	21.20	25.30	18.50	30.00	36.50	18.50	30.00	36.50	1.40	1.40	1.40	1.40	1.40	1.26	1.26	1.26	2.30	2.30	2.30	0.85	0.85	0.85	1.30	1.30	1.30	1.75	1.75							
Arkansas.....	30.00	56.00	60.00	40.00	80.00	83.00	60.00	83.00	1.72	2.24	2.24	2.24	2.24	3.40	3.40	3.40	3.05	3.05	3.05	1.34	2.30	2.30	2.04	2.04	2.04	2.10	2.10							
California.....	16.25	28.50	31.70	24.00	40.50	45.00	21.20	25.00	2.12	2.50	2.50	2.50	2.50	1.55	1.55	1.55	2.65	2.65	2.65	3.10	3.10	3.10	2.04	2.04	2.04	3.30	3.30							
Colorado.....	33.00	54.20	68.30	47.60	75.60	91.20	51.00	91.20	1.98	3.25	3.25	3.25	3.25	2.48	2.48	2.48	4.00	4.00	4.00	1.44	2.60	2.60	2.99	2.99	2.99	3.90	3.90							
Connecticut.....	23.35	51.00	55.30	44.50	73.50	81.00	1.95	3.40	3.60	2.47	4.30	4.60	4.60	4.60	1.47	1.47	1.47	2.80	2.80	2.80	3.00	3.00	3.00	3.65	3.65	3.65	3.95	3.95						
Delaware.....	21.00	44.00	45.00	36.00	63.00	71.00	1.55	2.60	2.89	2.00	3.40	3.75	3.75	3.75	1.07	1.07	1.07	2.12	2.12	2.12	2.50	2.50	2.50	1.22	1.22	1.22	2.80	2.80						
Florida.....	15.00	31.00	34.00	24.75	46.00	50.50	1.35	3.23	3.50	1.55	3.40	4.00	4.00	4.00	1.96	1.96	1.96	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30						
Georgia.....	13.45	23.00	25.00	28.00	38.00	40.00	1.49	2.50	2.80	1.49	1.72	1.72	1.72	1.72	1.46	1.46	1.46	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30						
Idaho.....	35.00	64.00	69.00	49.50	86.25	93.60	2.20	3.60	4.60	1.90	2.90	4.60	4.60	4.60	2.30	2.30	2.30	1.73	1.73	1.73	1.45	1.45	1.45	1.62	1.62	1.62	1.32	1.32	1.32	2.22	2.22			
Illinois.....	24.50	38.20	43.50	32.90	52.00	58.50	1.90	3.43	3.88	2.30	4.12	4.68	4.68	4.68	1.31	1.31	1.31	2.50	2.50	2.50	2.72	2.72	2.72	1.63	1.63	1.63	3.14	3.14	3.14	4.50	4.50			
Indiana.....	20.50	34.70	38.15	28.40	47.00	53.30	1.70	3.05	3.50	2.07	3.65	4.30	4.30	4.30	1.14	1.14	1.14	2.50	2.50	2.50	2.33	2.33	2.33	2.65	2.65	2.65	3.21	3.21	3.21	3.42	3.42			
Iowa.....	28.00	50.00	55.00	39.00	64.00	71.45	2.12	3.05	3.65	2.51	4.30	5.20	5.20	5.20	1.57	1.57	1.57	2.90	2.90	2.90	3.46	3.46	3.46	1.95	1.95	1.95	3.55	3.55	3.55	4.24	4.24			
Kansas.....	24.00	40.80	49.50	34.00	56.40	65.50	2.18	4.14	5.42	2.57	4.65	6.05	6.05	6.05	1.42	1.42	1.42	2.74	2.74	2.74	3.71	3.71	3.71	1.84	1.84	1.84	3.38	3.38	3.38	4.47	4.47			
Kentucky.....	16.00	28.00	33.00	25.10	41.00	46.00	1.36	2.40	2.70	1.71	2.90	3.35	3.35	3.35	1.22	1.22	1.22	2.35	2.35	2.35	2.80	2.80	2.80	1.66	1.66	1.66	3.00	3.00	3.00	3.60	3.60			
Louisiana.....	13.50	23.70	30.20	20.25	35.90	43.10	.90	1.70	2.10	1.25	2.10	2.56	2.56	2.56	.77	.77	.77	1.57	1.57	1.57	2.00	2.00	2.00	1.62	1.62	1.62	2.42	2.42	2.42	3.42	3.42			
Maine.....	23.50	46.50	49.40	34.50	65.50	70.00	1.50	3.00	3.10	1.95	3.70	3.55	3.55	3.55	1.23	1.23	1.23	2.60	2.60	2.60	2.04	2.04	2.04	1.60	1.60	1.60	3.15	3.15	3.15	3.43	3.43			
Massachusetts.....	13.50	29.50	32.00	21.50	45.00	49.00	1.26	2.55	3.16	1.64	3.70	3.55	3.55	3.55	1.22	1.22	1.22	2.40	2.40	2.40	2.60	2.60	2.60	1.65	1.65	1.65	2.96	2.96	2.96	3.40	3.40			
Kentucky.....	23.50	43.50	45.00	35.20	66.50	71.00	1.42	2.17	2.33	1.92	3.45	3.75	3.75	3.75	1.22	1.22	1.22	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40		
Michigan.....	23.00	37.50	42.00	33.00	52.50	60.00	1.64	2.85	3.50	2.10	3.50	4.30	4.30	4.30	1.22	1.22	1.22	2.35	2.35	2.35	2.80	2.80	2.80	1.77	1.77	1.77	2.35	2.35	2.35	4.35	4.35	4.35	5.35	5.35
Minnesota.....	26.00	47.10	53.70	35.00	62.70	75.00	2.23	3.90	4.30	2.65	4.50	5.15	5.15	5.15	1.48	1.48	1.48	3.32	3.32	3.32	1.90	1.90	1.90	3.67	3.67	3.67	4.25	4.25	4.25	5.35	5.35	5.35	6.25	6.25
Mississippi.....	13.39	21.50	26.50	19.50	30.50	38.00	.93	1.35	1.77	1.22	2.33	2.90	2.90	2.90	1.43	1.43	1.43	2.30	2.30	2.30	1.81	1.81	1.81	1.60	1.60	1.60	2.32	2.32	2.32	3.22	3.22	3.22	4.25	4.25
Missouri.....	21.50	35.00	37.50	29.50	45.00	50.50	1.55	2.55	3.45	1.93	3.45	4.35	4.35	4.35	1.02	1.02	1.02	1.90	1.90	1.90	2.15	2.15	2.15	1.32	1.32	1.32	2.00	2.00	2.00	2.75	2.75	2.75	3.60	3.60
Montana.....	33.00	59.50	62.20	50.00	83.00	89.00	1.55	2.55	3.45	2.00	3.45	4.35	4.35	4.35	1.77	1.77	1.77	2.80	2.80	2.80	3.15	3.15	3.15	2.36	2.36	2.36	4.10	4.10	4.10	4.35	4.35	4.35	5.35	5.35
Nebraska.....	26.50	49.00	56.80	38.00	67.00	77.50	2.14	3.40	4.30	2.60	4.30	5.25	5.25	5.25	1.57	1.57	1.57	3.10	3.10	3.10	3.85	3.85	3.85	1.96	1.96	1.96	3.35	3.35	3.35	4.75	4.75	4.75	5.85	5.85

Nevada.....	3.00	3.50	3.20	3.65	3.28	3.85	4.45	4.50	4.20	2.85	1.96	1.90	1.90
New Hampshire.....	23.50	42.50	44.90	53.50	63.50	69.70	1.35	2.80	2.25	1.84	3.55	3.30	3.37
New Jersey.....	19.50	40.50	44.00	51.30	61.00	67.00	1.70	3.05	3.20	2.15	3.81	4.10	3.32
New Mexico.....	24.50	40.00	40.50	34.25	59.00	59.20	1.46	2.05	2.50	1.88	2.75	3.20	2.80
New York.....	23.50	40.00	43.30	35.00	56.50	62.50	1.80	3.00	3.30	2.22	3.65	4.02	3.33
North Carolina.....	13.60	26.50	32.40	19.50	37.50	45.00	1.03	1.94	2.42	3.01	1.55	2.00	1.97
North Dakota.....	29.00	52.00	56.00	42.00	72.00	79.30	2.40	4.50	4.55	3.08	5.50	5.55	4.15
Ohio.....	21.00	35.50	39.40	28.10	50.70	56.20	1.67	3.00	3.15	2.07	3.67	4.22	2.20
Oklahoma.....	19.10	33.00	40.50	44.00	50.50	56.00	60.60	60.60	60.60	4.00	4.50	4.50	3.88
Pennsylvania.....	34.00	37.80	29.00	52.00	59.00	1.50	2.70	2.95	1.96	3.30	3.71	1.04	2.45
Rhode Island.....	21.00	40.00	48.00	34.00	62.00	62.00	1.35	2.50	2.50	2.05	3.00	3.12	1.56
South Carolina.....	12.00	21.00	27.00	16.50	28.00	38.40	1.96	1.50	1.94	1.12	1.75	2.40	1.49
South Dakota.....	27.00	55.70	65.00	39.00	77.50	88.00	2.35	4.49	4.95	2.95	5.05	6.00	3.30
Tennessee.....	14.00	25.10	29.00	20.00	35.70	41.40	1.14	1.95	2.20	1.44	2.45	2.70	1.47
Texas.....	18.00	31.00	38.80	24.50	43.00	55.20	1.22	2.05	3.10	1.57	2.60	3.68	1.04
Utah.....	35.00	64.00	70.00	47.50	84.00	92.00	1.78	3.15	3.40	2.20	3.50	4.10	2.10
Vermont.....	25.00	43.00	45.00	35.50	62.00	65.00	1.15	2.15	2.25	1.82	3.00	3.82	1.30
Virginia.....	14.00	27.70	31.00	19.50	39.50	45.00	1.50	2.25	2.51	1.44	2.80	3.10	1.70
Washington.....	33.00	63.00	66.30	50.00	85.00	91.00	2.42	4.00	4.50	2.78	4.75	5.40	3.15
West Virginia.....	19.40	36.00	40.00	29.00	54.50	52.00	1.28	2.50	2.71	1.65	3.10	3.40	2.15
Wisconsin.....	26.00	43.00	48.70	37.25	60.20	71.76	1.90	3.00	3.30	2.20	3.64	4.02	2.90
Wyoming.....	35.00	60.00	60.50	49.00	83.00	86.10	3.00	3.60	3.65	2.50	4.50	4.70	3.13
Average.....	19.21	34.92	39.82	27.50	47.07	56.29	1.45	2.65	3.15	1.82	3.22	3.83	1.06
<i>Geographic Divisions.¹</i>													
North Atlantic.....	21.65	38.95	42.18	33.19	57.24	63.39	1.63	2.85	3.09	2.08	3.52	3.86	1.17
South Atlantic.....	13.77	26.21	30.54	19.75	37.44	44.03	1.07	1.95	2.28	1.33	2.41	2.82	1.77
North Central East (Mississippi River).....	22.84	37.51	42.12	31.81	51.91	58.90	1.75	3.09	3.72	2.48	4.32	4.33	2.37
North Central West (Mississippi River).....	25.10	44.68	60.20	35.45	49.32	68.10	2.01	3.72	4.48	2.43	4.36	5.33	2.72
South Central.....	15.28	27.15	32.42	21.90	38.57	46.47	1.14	2.01	2.56	1.47	3.14	3.80	1.60
Far Western.....	32.63	56.68	46.48	56.93	73.64	87.02	2.02	3.30	3.80	2.52	4.14	4.67	2.76

¹ North Atlantic division: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida; North Central division (east of Mississippi River): Ohio, Indiana, Illinois, Michigan, Wisconsin; North Central division (west of Mississippi River): Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas; South Central division: Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Texas, Oklahoma, Arkansas; Far Western division: Montana, Wyoming, Colorado, Utah, Nevada, Idaho, Washington, Oregon, and California.

INTERNAL COMMUNICATION AND TRANSPORTATION.

No. 201.—**PUBLIC ROADS:** MILEAGE OF ROADS AND NUMBER OF BRIDGES BUILT BY STATE OR STATE AID, MILEAGE OF ROADS MAINTAINED WITH STATE AID, AND MILEAGE OF ALL STATE AND STATE-AID ROADS BUILT, WITH MILEAGE OF PUBLIC RURAL ROADS, JAN. 1, 1919, BY STATES.

[Source: Public Roads, vol. 2, No. 15, for July, 1919, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Work done in 1918 under State supervision.			Mileage of rural public roads.		
	State and State-aid roads built.	Roads maintained with State aid.	Bridges built by State or State aid.	Total all surfaced roads in State (approximate).	Total all public rural roads in State.	Percentage of surfaced roads in State.
Alabama.....	109	Miles. ¹	Miles.	Number.	Miles.	Miles.
Arizona.....	52	436		10	475	55,446
Arkansas.....	(²)			(²)	2,000	12,075
California.....	260	2,521		11	13,000	50,743
Colorado.....	100	7,000		15	2,550	21.2
Connecticut.....	355	1,481		13	3,200	39,780
Delaware.....	10	20		1	310	14,061
Florida.....	77	362		1	3,900	3,674
Georgia.....	17			2	13,200	17,995
Idaho.....	90	499		12	850	80,669
Illinois.....	232	736		80	12,800	24,396
Indiana.....					95,647	3.5
Iowa.....	2,069	104,082		10,237	31,000	73,347
Kansas.....	19				1,500	104,074
Kentucky.....	214	65		150	1,550	11,052
Louisiana.....	(²)			(²)	13,900	57,916
Maine.....	160	4,235		19	2,700	24,563
Maryland.....	192	1,433		5	3,525	23,537
Massachusetts.....	72	5,200		1	3,100	16,459
Michigan.....	150				9,100	18,681
Minnesota.....	1,543	12,089		460	10,000	74,190
Mississippi.....					7,000	93,517
Missouri.....	300	6 11,400			2,700	45,779
Montana.....	83			9	7,550	46,041
Nebraska.....	41			6	900	39,204
Nevada.....		260			1,450	80,272
New Hampshire.....	52	1,479			340	12,182
New Jersey.....	16	2,450			2,000	14,020
New Mexico.....	1,268	6,035		163	6,050	14,817
New York.....	(²)	(²)	(²)	(²)	620	43,001
North Carolina.....	(²)	(²)	(²)	(²)	18,400	79,398
North Dakota.....	110	65			6,850	23.2
Ohio.....	342	2,485		7	1,160	50,758
Oklahoma.....	927	2,592		614	31,500	13.5
Oregon.....	213			60	86,354	1.8
Pennsylvania.....	44	8,495		167	5,000	86,354
Rhode Island.....	15	325		12	700	36,819
South Carolina.....	11				750	11.6
South Dakota.....	(²)			1	3,800	2,170
Tennessee.....	12	3,800			1,160	34.5
Texas.....	200	13,000			800	42,226
Utah.....	109	367			800	9.0
Vermont.....	110	4,300			800	96,306
Virginia.....	10 358	3,054		39	8,880	8,810
Washington.....	275	1,411		6	6,150	18.6
West Virginia.....	135	88		12	6,300	14,249
Wisconsin.....	735	5,000		670	1,600	46,050
Wyoming.....	167			8	1,600	9.6
Total and average.....	11,944	203,556		12,973	299,135	12.0

¹ This mileage includes earth roads built in 1918, as follows: Alabama, 12; California, 87; Colorado, 64; Florida, 5; Idaho, 75; Illinois, 64; Iowa, 2,549; Kentucky, 45; Maine, 5; Minnesota, 1,207; Missouri, 245; Montana, 32; Nebraska, 36; New Mexico, 1,063; North Dakota, 109; Ohio, 22; Oklahoma, 716; Oregon, 100; Virginia, 44; Washington, 140; West Virginia, 111; Wisconsin, 373; and Wyoming, 141.

² Data not available.

³ Includes 34 miles of reconstruction.

⁴ Includes culverts.

⁵ Includes about 792 miles of town roads.

⁶ Dragging only.

⁷ Includes 9 miles of reconstruction.

⁸ As reported by State highway engineer May, 1919.

⁹ All reconstruction.

¹⁰ Includes 52 miles of reconstruction.

PUBLIC ROADS.

No. 202.—**PUBLIC ROADS:** SOURCES OF FUNDS AND DISTRIBUTION OF EXPENDITURES UNDER SPECIFIED HEADS, WITH LOCAL ROAD AND BRIDGE EXPENDITURES NOT UNDER HIGHWAY DEPARTMENTS, 1918, AND STATE FUNDS AVAILABLE, 1919, BY STATES.

[Source: Public Roads, vol. 2, No. 15, for July, 1919, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Sources of funds.			Distribution of expenditures.								
	Federal.	State.	Local.	Total.	Construction of roads.	Construction of bridges.	Maintenance roads and bridges.	Engineering.	Administration.	Equipment and miscellaneous.		
Alabama.....	\$13,380.90	103,285.32	371,213.42	\$3,14,183	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
Arizona 1.....	31,947.35	975,301.95	10,000.00	1,017,749.30	27,220	191,093	82,255	44,552	44,552	22,388	1,500,000	2,000,000
Arkansas.....	41,778.52	221,831.24	.....	203,609.76	222,997	16,304	68,295	7,300	7,300	1,700,000	700,000	1,000,000
California.....	26,339.00	6,941,192.00	.....	29,179.00	6,986,770.00	4,200	800,000	800,000	800,000	305,317	6,500,000	14,649,808
Colorado.....	253,000.00	830,000.00	400,000.00	1,450,000.00	410,000	120,000	800,000	(4)	324,720	100,000	1,000,000	1,850,000
Connecticut.....	5,301.15	3,172,706.35	396,600.05	3,574,607.55	1,649,707	235,927	1,256,565	161,023	235,925	193,101	4,000,000	4,444,212
Delaware.....	5,268.49	420,734.43	208,372.85	645,376.69	606,006	8,050	2,153	24,632	1,936	1,500,000	300,000	1,500,000
Florida.....	9,972.53	176,807.22	328,722.38	518,502.15	339,111	3,654	80,092	33,321	8,196	4,118	782,450	5,245,703
Georgia.....	21,158.00	15,000.00	55,389.00	92,056.00	72,318	800	115,540	6,835	6,835	6,835	5,700,000	15,000
Idaho.....	48,986.00	491,842.00	479,642.00	1,019,920.00	631,033	133,795	93,423	22,384	22,384	3,744	1,000,000	2,500,000
Illinois.....	850,910.99	1,216,312.87	2,077,223.36	1,787,357	59,669	65,557	129,030	30,911	4,700	10,000,000	8,106,129	13,000,000
Indiana.....	75,853.12	113,483.46	14,360,289.61	14,549,622.22	2,931,226	4,972,108	4,158,254	453,870	(6)	2,033,804	4,000,000	4,000,000
Iowa.....	8,083.90	23,000.00	1,922,766.10	1,945,830.00	131,250	1,600,600	222,000	65,000	65,000	4,600,000	4,600,000	3,161,267
Kansas.....	1,000,000.00	530,000.00	1,590,000.00	1,100,000	300,000	60,000	60,000	25,000	25,000	30,000	1,500,000	1,800,000
Louisiana 1.....	182,295.00	338,681.00	540,976.00	430,708	35,934	9,841	613,805	42,107	20,000	2,276	200,000	3,000,000
Maine.....	81,611.96	1,570,493.75	707,309.65	2,389,444.76	1,333,776	263,500	60,120	42,944	45,215	2,010,000	1,500,000	3,000,000
Maryland.....	4,767.73	2,681,441.39	64,225.50	2,750,151.12	1,064,674	105,875	1,318,850	68,601	24,425	117,700	3,800,000	3,000,000
Massachusetts.....	35,440.00	3,522,493.89	598,369.60	4,124,302.89	1,339,153	3,150	2,385,794	188,688	60,355	116,384	4,337,500	5,000,000
Michigan 1.....	1,704,359.00	3,908,794.00	5,673,152.00	5,125,224	187,751	247,178	62,000	43,000	43,000	8,000	2,000,000	5,000,000
Minnesota.....	224,357.76	1,870,336.01	3,300,216.08	5,394,909.55	3,146,867	942,119	1,000,607	(4)	305,057	7,500	2,529,049	5,172,801
Mississippi.....	10,000.00	450,000.00	1,154,400.00	900,000	900,000	181,000	27,717	38,900	38,900	17,000	3,000,000	6,000,000
Missouri.....	704,405.00	133,547.77	345,825.37	133,547.77	36,987	27,717	32,095	6,100	30,000	30,000	200,000	3,791,402
Nebraska.....	41,866.21	201,202.44	112,759.72	365,825.37	61,163	135,448	32,072	13,396	50,483	5,327	3,708,000	3,500,000

3 Inscribed under road.

⁴ Does not include San Francisco County.

Lessons Learned San Francisco County.

4 Reluded under administration

Included under engineering.

6 Approximate.

Does not include \$943,765 State funds distributed to townships.

Includes \$384,975 for purchase of toll roads.

Includes surveys for approximately 138 miles of proposed constr

PUBLIC ROADS.

No. 203.—**PUBLIC ROADS:** YEAR OF PASSAGE OF FIRST STATE-AID LAW, STATE FUNDS EXPENDED UNDER STATE HIGHWAY DEPARTMENTS, AND TOTAL CASH EXPENDITURES, 1904, 1914, AND 1916 TO 1918.

[Source: Public Roads, vol. 2, No. 16, for July, 1919, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	State funds expended by or under State highway department.						Total cash expenditures from all sources (approximate).				
	Year in which first State-aid law passed.	1904	1914	1916	1917	1918	1904	1914	1916	1917	1918
Alabama.....	1911	\$102,492	\$89,511	\$103,385	\$75,060	\$75,060	\$3,936,019	\$4,186,354	\$4,186,354	\$2,371,214	\$2,371,214
Arizona.....	1909	441,202	549,922	675,602	675,602	675,602	1,985,721	1,985,721	1,985,721	2,017,750	2,017,750
Arkansas.....	1913	116,000	80,202	229,881	681,354	681,354	1,443,887	1,622,196	1,622,196	1,913,959	1,913,959
California.....	1885	4,285,684	3,053,330	6,941,192	2,157,336	19,171,985	20,382,434	18,245,290	18,245,290	21,646,588	21,646,588
Colorado.....	1909	301,274	607,125	708,000	509,000	635,365	1,937,546	2,335,268	2,335,268	2,570,000	3,000,000
Connecticut.....	1895	219,165	1,305,881	1,835,948	2,195,264	3,172,766	1,195,125	3,640,963	3,200,948	4,004,225	5,018,820
Delaware.....	1903	14,000	21,000	21,600	22,737	90,803	511,128	511,128	321,500	913,377	913,377
Florida.....	1915	.....	10,184	29,187	179,807	43,184	2,380,255	4,010,484	6,285,737	5,704,345	5,704,345
Georgia.....	1908	.....	.....	1,910	15,000	89,795	3,688,173	3,769,039	4,318,330	5,792,956	5,792,956
Idaho.....	1905	.....	46,812	100,657	473,132	491,352	1,371,469	1,948,118	2,092,723	3,519,920	3,519,920
Illinois.....	1905	.....	357,689	1,119,202	1,238,338	889,911	3,844,424	8,734,713	10,083,725	10,182,353	10,182,353
Indiana.....	1917	.....	74,000	90,821	15,300	14,388,380	14,222,985	15,500,939	14,614,000	16,000,000	16,000,000
Iowa.....	1904	.....	9,930	10,000	10,100	10,100	191,182,907	191,182,907	191,182,907	15,549,022	15,549,022
Kansas.....	1911	.....	15,000	708,346	1,501,650	1,600,000	1,161,104	5,547,048	6,010,000	5,018,117	5,018,117
Kentucky.....	1912	.....	.....	.....	.....	.....	2,474,221	4,448,533	4,923,651	3,380,000	3,380,000
Louisiana.....	1910	161,186	184,533	182,295	182,295	345,452	1,777,572	3,458,643	3,540,976	3,540,976	3,540,976
Maine.....	1901	45,149	1,055,250	1,112,675	1,570,464	1,472,388	2,649,007	3,167,215	3,244,982	3,859,416	3,859,416
Maryland.....	1898	355,645	2,281,680	2,904,707	2,681,142	2,873,471	6,900,652	5,690,000	6,983,682	5,750,135	5,750,135
Massachusetts.....	1892	242,540	2,701,236	3,622,494	2,371,222	4,091,875	6,499,141	9,494,802	9,124,304	11,190,153	11,190,153
Michigan.....	1905	657,393	952,393	1,704,359	1,704,359	1,815,504	9,251,968	10,082,939	11,190,153	16,673,53	16,673,53
Minnesota.....	1905	1,309,956	1,390,525	1,420,985	1,870,236	1,607,417	6,458,940	8,742,278	8,021,700	10,567,711	10,567,711
Mississippi.....	1915	.....	.....	.....	.....	.....	3,456,317	3,266,500	3,266,500	3,266,500	3,266,500
Montana.....	1907	271,253	482,860	565,500	704,400	1,570,801	5,613,049	7,982,860	7,374,333	7,164,700	7,164,700
Nebraska.....	1913	13,516	26,180	25,720	133,535	203,180	2,888,744	3,475,569	3,475,569	3,845,951	3,845,951
Nevada.....	1911	.....	110,000	9,500	1,707,236	494,202	1,798,278	4,500,000	4,603,400	3,855,829	3,855,829
New Hampshire.....	1903	45,000	49,520	414,669	589,224	651,594	872,606	1,590,464	2,045,410	2,239,765	2,239,765
New Jersey.....	250,000	1,364,588	1,167,843	1,280,000	1,848,032	1,527,072	2,108,287	5,784,208	6,280,807	6,708,933	6,708,933
New Mexico.....	1904	115,732	358,834	1,280,578	1,301,578	1,354,456	2,551,399	2,551,399	2,551,399	2,551,399	2,551,399
New York.....	1,056,460	3,544,126	9,409,655	9,433,079	9,433,079	9,433,079	23,231,954	23,231,954	23,231,954	21,658,131	21,658,131

¹Data for 1918 not available; State expenditures shown in 1918 column are for 1917.

No. 204.—MOTOR CARS: REGISTRATIONS, NUMBER OF, AND TOTAL GROSS MOTOR-VEHICLE REVENUES, 1914 TO 1918, BY STATES.
 [Source: Public Roads, vol. 2, No. 11, for March, 1919, Office of Public Roads and Rural Engineering, Department of Agriculture.]

	Motor-car registration.						Total gross revenues.				
	1914	1915	1916	1917	1918		1914	1915	1916	1917	1918
Alabama.....	8,672	11,634	21,636	32,873	46,171	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
Arizona.....	5,040	7,753	19,300	19,890	23,905	34,077	180,744	203,655	217,700	217,700	217,700
Arkansas.....	5,642	8,021	15,000	26,683	41,488	56,430	45,570	73,000	117,643	142,288	142,288
California.....	123,904	165,797	232,440	306,916	407,761	1,388,785	80,551	180,000	205,176	410,689	410,689
Colorado.....	17,756	28,884	43,296	51,460	83,244	80,047	2,027,432	2,192,693	2,816,030	3,244,036	3,244,036
Connecticut.....	27,786	41,121	55,048	74,645	86,067	406,623	536,970	768,728	1,080,757	1,285,164	1,285,164
Delaware.....	3,050	5,052	7,102	10,700	12,935	25,672	55,596	85,246	153,883	220,449	220,449
District of Columbia.....	4,833	8,009	13,118	15,483	30,490	20,147	47,624	55,396	85,523	220,753	220,753
Florida.....	2,3,368	21,050	20,718	27,000	55,186	1,678	1,000,000	121,176	170,000	315,776	315,776
Georgia.....	20,915	26,000	46,025	70,324	104,676	104,576	125,000	154,735	223,653	331,816	331,816
Idaho.....	3,346	7,071	12,999	21,751	32,259	58,580	121,259	236,738	412,641	576,555	576,555
Illinois.....	131,140	180,882	245,429	340,292	389,620	689,725	924,906	1,236,560	1,583,835	2,746,330	2,746,330
Indiana.....	66,500	96,915	128,065	192,164	227,160	432,309	537,18	817,286	1,096,150	1,283,128	1,283,128
Iowa.....	106,087	145,109	198,587	254,412	278,313	1,040,136	1,533,154	1,776,170	2,249,555	2,547,590	2,547,590
Kansas.....	19,374	72,520	112,122	150,343	189,163	208,471	387,588	555,762	850,878	978,837	978,837
Kentucky.....	11,766	19,500	31,500	47,420	65,384	85,883	117,117	184,741	287,314	402,250	402,250
Louisiana.....	3,12,000	11,380	17,000	23,384	30,000	40,000	12,000	175,600	166,335	240,000	240,000
Maine.....	15,700	21,545	30,972	41,499	40,372	192,542	288,412	383,562	491,896	570,171	570,171
Maryland.....	20,213	31,047	44,245	60,943	74,666	268,231	386,565	565,202	807,395	1,189,984	1,189,984
Massachusetts.....	77,246	102,633	136,809	174,274	193,497	223,961	1,285,724	1,602,553	1,963,994	2,184,521	2,184,521
Michigan.....	76,389	114,845	160,652	217,066	262,125	(1)	373,333	1,739,344	2,471,271	2,875,266	2,875,266
Minnesota.....	67,862	93,269	649,030	6,54,030	204,458	132,398	810,540	82,469	100,000	1,076,811	1,076,811
Mississippi.....	5,594	9,669	147,587	147,587	147,587	147,587	51,146	76,700	175,000	250,000	335,000
Missouri.....	54,468	76,462	102,020	14,540	42,749	188,040	255,873	323,289	459,315	617,642	1,394,762
Montana.....						51,035	27,000	33,120	52,688	290,836	350,914
Nebraska.....	16,385	59,000	101,200	148,101	173,374	34,325	183,000	311,334	451,303	536,897	536,897
Nevada.....	1,187	2,009	4,919	7,160	8,159	4,331	7,875	20,116	31,666	31,083	31,083
New Hampshire.....	9,571	13,449	17,508	22,247	24,817	185,288	257,775	344,434	424,305	424,305	424,305
New Jersey.....	62,961	81,848	109,414	141,918	155,519	814,559	1,002,923	1,406,806	1,921,767	2,491,767	2,491,767
New Mexico.....	3,090	5,100	8,228	14,086	17,647	29,425	47,865	81,834	105,631	105,631	105,631

MOTOR VEHICLES.

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New York.....	168,223	314,222	406,016	459,292	1,529,552	1,991,181	2,658,042	4,254,144	4,945,298
North Carolina.....	14,677	21,000	33,904	55,050	72,313	89,550	123,000	206,101	321,923
North Dakota.....	17,347	24,908	40,446	52,993	71,678	55,914	79,245	125,283	211,536
Ohio.....	122,504	181,332	252,331	346,772	412,775	685,457	984,632	1,286,406	441,423
Oklahoma.....	13,500	25,032	52,718	100,199	121,500	155,892	155,892	1,766,127	2,125,426
Oregon.....	16,447	23,585	33,917	48,632	68,324	77,592	108,881	146,232	196,787
Pennsylvania.....	112,854	160,337	230,578	325,153	395,186	1,185,039	1,665,276	2,325,057	3,288,025
Rhode Island.....	12,331	16,362	21,406	37,046	35,218	157,020	206,440	284,737	4,045,186
South Carolina ^a	14,000	15,000	25,000	38,332	55,492	14,000	15,000	346,117	385,608
South Dakota.....	20,929	28,724	44,271	67,158	90,521	125,000	130,000	113,557	300,217
Tennessee.....	8 19,769	9 7,618	3 30,000	45,000	63,000	39,538	34,000	140,746	232,742
Texas ²	40,000	40,000	7 125,000	192,861	251,118	20,000	186,935	322,300	330,000
Utah.....	2,253	9,177	13,507	24,076	32,273	4,852	60,000	88,589	839,589
Vermont.....	8,475	11,499	15,671	21,653	22,553	153,267	180,852	170,707	220,203
Virginia.....	13,984	21,257	35,326	55,661	72,223	120,814	176,875	218,480	313,541
Washington.....	30,253	38,823	60,734	91,337	117,278	60,506	238,717	217,266	398,856
West Virginia.....	6,159	13,279	20,571	31,307	38,750	60,648	128,532	193,936	654,636
Wisconsin.....	53,161	79,741	115,645	158,637	196,253	293,580	435,977	615,721	801,278
Wyoming.....	2,428	3,976	7,125	12,323	16,200	12,140	18,850	35,625	87,121
Total.....	1,711,339	2,445,664	3,512,996	4,932,340	6,146,617	12,381,851	18,245,711	25,805,370	37,501,233
									51,477,417

¹ Does not include motor cycles nor dealers' and manufacturers' licenses.² State registrations only.^a Estimated.⁴ Registration law declared unconstitutional.⁵ Cars registered during 1916; total number of cars, approximately 138,000.⁶ Cars registered, 1917.⁷ Estimated number of cars in State.⁸ Total cars registered under permanent system.
⁹ Registrations 1915 only.

MOTOR VEHICLES.

No. 205.—MOTOR VEHICLES: REGISTRATIONS AND LICENSES, NUMBER OF, AND REVENUES UNDER SPECIFIED HEADS TURNED INTO STATE ROAD FUNDS, TOTAL REGISTRATION AND LICENSE REVENUES, AVERAGE RETURN PER REGISTRATION, AND POPULATION PER MOTOR CAR AND MOTOR CARS PER MILE OF PUBLIC RURAL ROAD, 1915, BY STATES.

[Source: Public Roads, vol. 1, No. 11, for March, 1919, Office of Public Roads and Rural Engineering, Department of Agriculture.]

State.	Automobiles.	Motor trucks and commercial vehicles.	Motor cycles.	Registrations or transfers.	Owners' and manufacturers' licensees.	Manufacturers' dealers' licensees.	Number.	Number.	Number.	Number.	Total gross motor-vehicle registration and license revenues.	Motor-vehicle revenues available for road work.	Average gross revenue return per motor-car registration.		Motor cars per mile of public rural road.		
													By or under State highway department.	Under direction of local authorities.	Dollars.	Dollars.	
Alabama ¹	21,574	8,287	1,180	635	444	237	4,455	451	40,730	1,422,288.25	142,288.25	10,18	51	0.8			
Arkansas.....	21,498	2,407	2,407	2	638	237	4,458	450	2,475	410,648.50	410,648.50	6,91	11	2.0			
Colorado.....	41,458	(2)	(2)	22,887	40,720	420,450	3,872	4,550	9,636	3,324,035.61	1,491,319.79	8,64	42	0.8			
Connecticut.....	33,244	(2)	(2)	2,872	2,015	2,015	3,872	3,872	3,872	379,559.20	174,452.40	4,55	12	2.1			
Delaware.....	470,807	15,260	10,650	10,650	104,000	104,000	17,255	17,255	17,255	360,328	1,285,164.27	1,285,164.27	14,91	14	6.1		
District of Columbia.....	12,655	6,550	707	2,353	1,639	1,639	1,639	1,639	1,639	738	220,733.00	232,449.00	232,449.00	17,94	17	3.6	
Florida.....	6,359	6,550	7,4880	1,639	1,639	1,639	1,639	1,639	1,639	738	220,733.00	232,449.00	232,449.00	17,94	17	3.6	
Georgia.....	99,676	(2)	(2)	1,639	1,639	1,639	1,639	1,639	1,639	738	220,733.00	232,449.00	232,449.00	17,94	17	3.6	
Idaho.....	22,289	(2)	(2)	707	301	988	45,696	45,696	45,696	940	331,816.19	349,776.36	349,776.36	6,88	17	3.0	
Illinois.....	339,120	(2)	(2)	10,884	9,112	45,696	45,696	45,696	45,696	940	331,816.19	349,776.36	349,776.36	3,17	29	1.3	
Indiana.....	227,160	(2)	(2)	2,529	59,707	59,707	59,707	59,707	59,707	940	331,816.19	349,776.36	349,776.36	3,17	29	1.3	
Iowa.....	275,313	(2)	(2)	4,113	4,113	4,113	4,113	4,113	4,113	940	331,816.19	349,776.36	349,776.36	3,17	29	1.3	
Kansas.....	189,163	(2)	(2)	1,479	3,000	402	54,179	54,179	54,179	940	402,250.11	355,000.00	355,000.00	5,17	10	1.7	
Kentucky.....	65,884	(2)	(2)	399	400	400	4,000	4,000	4,000	940	402,250.11	355,000.00	355,000.00	6,08	16	1.1	
Louisiana.....	40,900	(2)	(2)	1,479	2,418	2,418	2,418	2,418	2,418	940	402,250.11	355,000.00	355,000.00	6,08	16	1.1	
Maryland.....	40,372	4,200	1,497	1,497	2,418	2,418	2,418	2,418	2,418	940	402,250.11	355,000.00	355,000.00	6,08	16	1.1	
Massachusetts.....	67,839	9,6,827	5,351	5,351	3,474	3,474	3,474	3,474	3,474	940	1,889,934.25	827,268.21	827,268.21	14,12	19	1.9	
Michigan.....	235,608	26,517	7,818	13,128	25,007	25,007	25,007	25,007	25,007	940	1,889,934.25	827,268.21	827,268.21	15,94	18	4.5	
Minnesota.....	204,453	(2)	5,021	2,749	6,238	6,238	6,238	6,238	6,238	940	1,076,931.00	1,076,931.00	1,076,931.00	11,29	19	10.4	
Mississippi.....	46,000	2,400	1,900	1,900	9,355	9,355	10,020	10,020	10,020	940	1,335,000.00	300,000.00	300,000.00	6,92	13	2.2	
Missouri.....	188,190	(2)	3,850	3,850	9,355	9,355	10,020	10,020	10,020	940	1,394,762.19	1,234,475.03	1,234,475.03	7,41	13	1.1	
Montana.....	31,053	(2)	562	1,470	298	298	298	298	298	940	1,350,913.50	227,720.50	227,720.50	6,87	9	1.3	

Nebraska.....	173,374	(2)	2,900	1,765	2,195	536,807.00	25,288.25	480,000.00	3.09
Nevada.....	8,159		2,121	2,251	1,511,146	31,052.75	25,288.25	1,989.50	2.17
New Hampshire.....	11,221	106	2,453	2,251	2,453	503,235.10	455,372.19	20,52	1.7
New Jersey.....	13,153	736	12,517	26,830	201,022	1,368	2,431,756.70	2,393,889.83	16,63
New Mexico.....	17,647	(2)	300	.....	145	105,631.35	45,751.42	45,751.42	1.6
New York.....	14,93,414		28,597	147,756	2,252	4,045,297.50	2,563,636.81	1,445,329.09	10.76
North Carolina.....	72,313	(2)	1,333	.....	600	334,728.67	69,079.27	276,317.07	22
North Dakota.....	71,678	(2)	1,659	935	.....	847	471,495.77	314,285.85	5,46
Ohio.....	412,775	(2)	20,717	9,245	150	3,272	2,125,50	1,975,425.50	11
Oklahoma.....	13,121,300	(2)	1,622	.....	3,116	1,102,370.77	932,141.73	5,15	4.8
Oregon.....	63,324	(2)	3,501	9,451	451	461,422.00	419,922.00	7,23	1.1
Pennsylvania.....	318,001	185	26,621	24,734	7,837	4,018,155.50	4,048,185.50	10,05	22
Rhode Island.....	17,040		1,461	3,179	38,467	140	385,608.00	357,008.00	4,3
South Carolina.....	55,492	(2)	1,147	1,388	.....	2,930	300,216.71	265,125.37	18
South Dakota.....	50,521	(2)	1,323	2,437	.....	1,118	282,720.00	240,330.70	30
Tennessee@.....	65,000	(2)	800	.....	450	390,000.00	351,000.00	6,19	1.3
Texas.....	251,118	(2)	2,496	21,514	22,733	4,002	269,949.49	1,019,794.38	8,12
Utah.....	27,204	5,059	1,298	500	1,474	175	229,203.24	215,898.54	7,10
Vermont.....	20,681	1,872	72,223	734	1,798	153	398,855.64	368,855.64	17,68
Virginia.....	21,413	(2)	2,413	.....	4,760	386	636,335.63	650,431.03	31
Washington.....	18,101,191		16,117	6,317	11,619	678	875,391.25	780,996.25	7,46
West Virginia@.....	38,750	(2)	6,825	.....	3,840	569	447,706.11	447,706.11	11,55
Wisconsin.....	189,436	6,817	16,200	7,228	313	1,510	2,076,701.00	501,675.25	10,58
Wyoming.....	16,200	(2)	.....	.....	167	167	80,000.00	4,94	11
Total....	5,552,726	29,293,891	29,240,564	20,287,311	20,1,926,127	20,03,065	51,477,416.61	36,161,473.08	8,37
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¹ Fiscal year ending Sept. 30.² Included under automobiles.³ Does not include 701 trailers.⁴ Does not include 3,441 public-service registrations.⁵ Includes only cars weighing more than 4,000 pounds.⁶ Includes 18,163 omnibus, but does not include 2,218 trailers.⁷ Includes trucks but does not include 2,657 tractor engines.⁸ Does not include 3,102 traction engines and 1,284 trailers.⁹ Does not include 29 tractor registrations.¹⁰ Does not include 976 exempt cars.¹¹ Approximate.¹² Does not include 1,446 nonresident registrations.¹³ Does not include 1,447 nonresident chauffeurs and owners.¹⁴ Includes only cars weighing more than 4,000 pounds.¹⁵ Includes 18,163 omnibus, but does not include 2,218 trailers.¹⁶ Includes trucks but does not include 2,657 tractor engines.¹⁷ Does not include 3,102 traction engines and 1,284 trailers.¹⁸ Does not include 29 tractor registrations.¹⁹ For period July-December, 1918.²⁰ Partial total.

No. 206.—**POST OFFICES AND POST ROUTES:** NUMBER OF POST OFFICES, EXTENT OF POST ROUTES, AND REVENUE AND EXPENDITURES OF THE POST OFFICE DEPARTMENT, INCLUDING AMOUNTS PAID FOR TRANSPORTATION OF THE MAILS, 1879 TO 1919.

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Post offices.	Extent of post routes.	Revenue of the department.	Expended for transporta- tion of—		Total expenditure of the department.
				Domestic mail.	Foreign mail.	
	<i>Number.</i>	<i>Miles.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
1879	40,588	316,711	30,041,988	18,953,219	200,026	33,449,899
1880	42,989	848,888	33,815,479	20,857,802	199,809	36,542,804
1881	44,512	344,006	36,785,398	22,812,429	240,067	39,592,566
1882	46,231	848,618	41,876,410	22,460,473	280,501	40,482,021
1883	46,820	353,166	45,508,693	23,874,394	318,358	43,282,944
1884	48,434	359,580	43,325,959	25,014,478	332,221	47,224,560
1885	51,252	866,251	42,560,844	27,035,543	331,903	50,046,285
1886	53,614	868,660	43,948,423	27,614,540	391,856	51,004,744
1887	55,157	873,142	48,887,609	27,892,646	402,528	53,006,194
1888	57,876	408,977	52,695,177	29,347,959	547,895	56,468,315
1889	58,999	416,159	56,175,611	32,361,697	541,212	62,317,119
1890	62,401	427,990	60,882,098	34,116,243	563,631	66,259,548
1891	64,829	439,027	65,931,786	37,517,405	620,987	73,059,519
1892	67,119	447,591	70,980,476	39,082,919	774,016	76,980,846
1893	68,403	453,883	75,896,938	41,179,555	1,097,867	81,581,681
1894	69,806	454,746	75,080,479	45,375,359	1,239,363	84,994,112
1895	70,064	456,026	76,958,128	46,836,326	1,173,561	87,179,551
1896	70,360	468,813	82,499,208	47,993,067	1,530,864	90,932,670
1897	71,022	470,082	82,685,468	48,028,094	1,890,099	94,077,242
1898	73,570	480,461	89,012,619	50,444,291	1,760,091	98,038,524
1899	75,000	496,949	95,021,384	52,027,901	1,769,851	101,632,161
1900	76,688	500,990	102,354,579	54,135,930	2,100,266	107,740,268
1901	78,945	511,808	111,631,193	56,002,576	2,148,635	115,554,921
1902	75,924	507,540	121,848,047	58,589,968	2,410,473	124,785,697
1903	74,169	506,268	134,224,443	62,606,015	2,580,700	138,784,488
1904	71,181	496,818	143,582,624	67,027,776	2,697,077	132,362,117
1905	68,181	486,805	152,826,485	69,927,089	2,828,703	167,399,169
1906	65,600	478,711	167,982,782	72,944,352	2,895,756	178,449,779
1907	62,659	463,406	183,585,006	77,471,917	2,988,849	190,238,288
1908	61,158	450,738	191,478,663	78,174,988	2,982,732	208,351,886
1909	60,144	448,618	203,562,383	80,901,899	2,804,170	221,004,102
1910	59,680	447,998	224,128,637	81,709,493	3,164,254	229,977,224
1911	59,289	435,388	237,879,823	85,130,742	3,204,599	237,648,926
1912	58,729	436,469	246,744,015	86,302,922	3,195,883	248,525,450
1913	58,020	436,293	266,619,525	88,451,168	3,691,879	262,067,541
1914	56,810	435,597	287,934,565	98,802,715	3,565,328	288,543,769
1915	56,380	433,334	287,348,185	104,972,630	3,074,875	288,546,026
1916	55,934	444,279	312,057,080	107,418,663	3,285,530	306,204,033
1917	55,418	479,487	329,726,116	111,522,255	3,155,433	319,838,718
1918	54,345	472,728	388,975,062	110,069,482	3,719,230	324,833,728
1919	53,084	1,455,439	430,239,126	108,107,134	4,055,524	362,407,635

¹Figures do not include mileage of rural routes, 1,146,257 miles.

No. 207.—RAILWAY MAIL SERVICE: RAILROAD MILEAGE UPON WHICH MAIL WAS CARRIED, ANNUAL COST AND AVERAGE COST PER MILE OF RAILROAD MAIL TRANSPORTATION, AND EXPENDITURE FOR RAILWAY MAIL SERVICE EMPLOYEES, 1879 TO 1919.

[Source: Annual reports of the Postmaster General.]

Year ended June 30—	Total rail- roads in operation in United States Dec. 31. ¹	Railroads upon which mail was carried.	Annual transpor- tation of mail by railroads.	Railroad mail trans- portation.		Railway Mail Service.	
				Annual cost.	Average annual cost per mile.	Number of em- ployees.	Annual expendi- ture.
1879.....	Miles. 86,556	Miles. 79,991	Miles. 98,092,992	Dollars. 9,792,559	Dollars. 0.1051	Number of employees. 2,609	Dollars. 2,624,890
1880.....	93,267	85,320	96,497,463	10,648,986	.1103	2,946	2,850,980
1881.....	103,108	91,569	103,521,229	11,968,117	.1155	3,177	3,108,801
1882.....	114,677	100,563	113,995,318	13,127,715	.1151	3,570	3,486,779
1883.....	121,422	110,208	129,198,641	13,887,800	.1075	3,855	3,972,071
1884.....	125,345	117,160	142,541,392	15,012,603	.1053	3,963	3,688,032
1885.....	128,320	121,032	151,910,845	16,827,983	.1095	4,387	4,246,210
1886.....	136,338	123,933	165,699,389	17,336,512	.1045	4,573	4,467,717
1887.....	149,214	130,949	169,689,866	18,056,272	.1064	4,851	4,694,562
1888.....	150,114	143,713	185,485,783	19,524,959	.1052	5,094	4,981,366
1889.....	161,276	150,381	204,192,489	21,639,618	.1059	5,448	5,250,898
1890.....	167,191	154,779	215,715,680	23,395,232	.1084	5,836	5,562,844
1891.....	172,085	159,518	228,719,900	25,188,714	.1101	6,032	5,904,881
1892.....	175,691	162,576	239,731,509	27,126,529	.1131	6,417	6,480,684
1893.....	179,884	166,952	252,750,574	28,910,195	.1143	6,645	6,738,410
1894.....	182,763	169,768	264,717,595	30,358,190	.1146	6,852	6,989,449
1895.....	184,628	171,212	267,117,737	31,205,842	.1168	7,045	7,194,220
1896.....	186,681	172,794	268,806,824	32,405,797	.1205	7,408	7,594,377
1897.....	188,844	173,475	273,190,356	33,876,521	.1240	7,602	7,782,547
1898.....	190,870	174,777	281,585,612	34,708,847	.1232	7,999	8,220,504
1899.....	194,336	176,727	287,591,269	36,117,875	.1256	8,888	8,610,732
1900.....	198,964	179,982	297,256,303	37,793,982	.1271	8,695	8,946,424
1901.....	202,283	183,359	302,613,325	38,519,624	.1273	9,105	9,679,037
1902.....	207,253	187,180	312,521,478	39,953,608	.1278	9,627	10,264,588
1903.....	213,422	192,852	333,491,684	41,886,848	.1256	10,418	11,250,042
1904.....	220,112	196,907	358,088,397	44,695,610	.1266	11,621	12,095,437
1905.....	225,196	200,965	362,645,781	45,576,515	.1256	12,474	13,304,994
1906.....	230,761	203,824	371,661,071	47,481,087	.1277	13,598	14,222,206
1907.....	236,949	207,237	387,557,165	51,008,111	.1316	14,357	15,248,110
1908 ²	240,846	213,220	407,799,039	49,404,763	.1211	15,295	17,479,504
1909.....	244,084	217,115	418,546,194	49,606,440	.1199	16,044	18,380,725
1910.....	249,992	220,730	426,923,109	49,302,217	.1154	16,795	19,420,349
1911.....	254,732	223,900	449,654,863	50,910,261	.1132	17,028	20,152,904
1912.....	258,033	226,071	458,648,624	50,708,323	.1105	18,261	20,876,963
1913.....	261,036	228,618	471,559,089	51,466,030	.1091	18,265	22,815,795
1914.....	263,547	231,398	481,443,001	55,480,560	.1152	20,811	26,107,052
1915.....	264,378	233,618	498,878,805	58,133,311	.1165	19,599	28,446,825
1916.....	266,031	234,175	502,937,359	61,244,668	.1292	19,318	28,804,947
1917.....	266,381	261,500	571,611,960	58,566,198	.1029	18,976	29,234,597
1918.....	266,059	260,530	555,765,655	55,569,923	.1037	20,184	28,789,142
1919.....		259,580	519,674,375	54,563,534	.1049	19,683	30,798,545

¹ Data for years prior to 1890 are from Poor's Manual of Railroads and relate to calendar years; data from 1890 to date are from reports of the Interstate Commerce Commission and relate to fiscal years 1890 to 1916; subsequently to calendar years. No mileage included for Alaska.

² After 1907 excludes mileage of switching and terminal companies not previously segregated.

³ Changes from preceding year are due principally to change from weight to space system, effective Nov. 1, 1916.

NO. 208.—NUMBER AND WEIGHT OF PARCEL-POST PACKAGES DISPATCHED TO AND RECEIVED FROM FOREIGN COUNTRIES: YEAR ENDED JUNE 30, 1917, AND WEIGHT OF CORRESPONDING PACKAGES DISPATCHED IN THE YEARS ENDED JUNE 30, 1918 AND 1919, WITH PERCENTAGES OF INCREASE OR DECREASE AS COMPARED WITH THE PRECEDING YEAR, BY COUNTRIES.

[Source: The Post Office Department.]

1917.

Country.	Dispatched.				Received.			
	Number.	Percent of increase(+) or decrease(-).	Weight.	Percent of increase(+) or decrease(-).	Number.	Percent of increase(+) or decrease(-).	Weight.	Percent of increase(+) or decrease(-).
Argentina.....	21,449	+ 63.87	Pounds. 113,095	+ 81.46	3,001	+ 159.37	Pounds. 12,496	+ 142.02
Australia.....	50,567	+ 31.72	278,287	+ 50.49	7,044	- 10.48	27,029	- 35.39
Austria ¹	9,189	+ 31.64	28,187	+ 48.55	888	+ 16.54	2,353	+ 13.84
Bahamas.....	11,693	+ 7.85	44,015	+ 20.41	1,490	- 11.94	3,114	+ .11
Bermuda.....	10,943	- 1.78	37,326	+ 11.57	2,014	- 19.98	4,736	- 18.08
Bolivia.....	19,141	+ 70.48	159,161	+ 73.71	517	+ 71.11	3,545	+ 152.38
Brazil.....	22,445	+ 51.85	128,197	+ 69.32	874	+ 89.33	2,411	+ 69.91
British Guiana.....	5,692	+ 84.25	22,854	+ 107.49	499	+ 28.94	1,645	+ 47.28
British Honduras.....	7,090	+ 15.13	20,048	+ 15.17	926	+ 68.05	2,584	+ 83.52
Chile.....	46,594	+ 76.52	326,552	+ 84.52	2,832	+ 42.32	12,303	+ 67.68
China.....	51,183	+ 281.21	302,788	+ 336.81	4,159	- 24.85	18,219	- 21.43
Colombia.....	107,222	+ 33.51	256,636	+ 34.74	1,971	+ 30.70	9,002	+ 54.14
Costa Rica.....	21,296	+ 25.45	138,587	+ 34.20	3,289	+ 249.89	17,136	+ 356.30
Curacao.....	6,771	+ 33.36	27,569	+ 53.77	398	+ 48.51	1,447	+ 101.00
Danish West Indies.....	6,677	+ 21.40	25,340	+ 53.20	345	- 13.53	976	- 8.96
Denmark ²	8,628	-	93,612	-	4,433	-	28,836	-
Dominican Republic.....	10,499	+ 50.81	104,161	+ 69.02	445	+ 155.74	1,537	+ 112.59
Dutch Guiana.....	1,305	+ 41.54	5,026	+ 75.10	130	+ 7.43	594	+ 20.00
Ecuador.....	31,433	+ 20.85	256,151	+ 34.53	1,109	+ 774.09	5,668	+ 135.08
France.....	58,432	+ 65.66	319,416	+ 114.71	8,315	+ 31.98	73,988	+ 21.71
French Colonies.....	1,677	+ 85.92	6,943	+ 93.72	112	+ 10.80	631	+ 4.30
Germany ^{1,3}	378	-	1,597	-	-	-	-	-
Gibraltar.....	403	+ 35.69	2,008	+ 108.73	-	-	-	-
Great Britain.....	429,301	- 2.84	1,898,615	+ 20.95	146,533	- 25.61	802,039	- 28.06
Greece ⁴	4,869	- 36.34	22,720	- 21.22	349	- 69.78	1,899	-
Guatemala.....	31,240	+ 64.96	213,562	+ 73.80	4,379	+ 17.98	23,257	+ 221.48
Haiti.....	7,221	+ 38.97	32,911	+ 32.67	155	+ 31.36	509	+ 14.64
Honduras.....	22,899	+ 11.14	152,507	+ 11.49	2,410	+ 303.85	13,368	+ 710.67
Hongkong.....	6,307	- 20.14	28,908	- 14.48	1,772	- 10.69	6,033	- 9.89
Hungary ¹	-	-	-	-	-	-	-	-
Italy.....	105,975	+ 26.08	505,982	+ 32.93	14,141	+ 8.69	111,743	+ 14.28
Jamaica.....	33,403	+ 16.04	105,821	+ 29.90	4,273	+ 6.34	8,353	+ 1.12
Japan.....	74,932	+ 46.57	368,233	+ 92.79	72,985	+ 41.09	387,423	+ 74.82
Leeward Islands.....	9,120	+ 38.49	36,583	+ 58.71	600	- 9.36	1,525	- 3.79
Liberia.....	544	- 5.22	3,079	+ .39	22	-	82	-
Mexico.....	127,473	+ 229.40	841,482	+ 341.00	4,571	+ 56.22	13,515	+ 38.04
Netherlands ⁵	-	-	-	-	13	-	90	-
Newfoundland.....	13,476	+ 17.78	43,246	+ 51.22	2,538	+ 5.75	5,214	+ 17.45
New Zealand.....	26,608	+ 39.23	154,100	+ 61.20	2,173	+ 13.14	7,396	+ 17.71
Nicaragua.....	17,070	+ 36.43	103,420	+ 51.32	785	+ 231.22	3,381	+ 38.57
Norway ⁶	17,454	- 42.13	62,988	-	4,057	-	12,548	-
Panama.....	19,414	- 6.81	86,929	+ .39	1,600	+ 52.52	5,050	+ 92.50
Peru.....	48,052	+ 108.16	339,677	+ 118.69	1,895	+ 87.43	8,833	+ 164.30
Salvador.....	14,640	+ 44.68	102,845	+ 46.60	548	+ 100.73	2,866	+ 161.26
Sweden ⁷	20,244	- 57.22	74,742	-	3,172	-	13,022	-
Trinidad.....	9,162	+ 17.10	36,250	+ 36.16	1,034	+ 42.33	2,766	+ 14.68
Uruguay.....	6,486	+ 18.38	35,166	+ 21.94	323	+ 13.75	1,646	+ 76.98
Venezuela.....	26,233	+ 55.12	106,283	+ 67.06	627	+ 16.54	3,223	+ 28.56
Windward Islands.....	3,945	+ 53.74	14,692	+ 80.80	427	+ 1.91	1,233	+ 3.79
Total.....	1,595,975	+ 17.99	\$,579,485	+ 36.85	315,478	- 29.79	1,667,148	- 38.71

¹ Service suspended Nov. 13, 1915.

² Service suspended Dec. 31, 1916.

³ Including Samoa.

⁴ Service suspended July 25, 1917.

⁵ Service suspended Apr. 19, 1916.

⁶ Service suspended May 9, 1917.

⁷ Service suspended May 4, 1917.

No. 208.—NUMBER AND WEIGHT OF PARCEL-POST PACKAGES DISPATCHED TO AND RECEIVED FROM FOREIGN COUNTRIES, YEAR ENDED JUNE 30, 1917, AND WEIGHT OF CORRESPONDING PACKAGES DISPATCHED IN THE YEARS ENDED JUNE 30, 1918 AND 1919, WITH PERCENTAGES OF INCREASE OR DECREASE AS COMPARED WITH THE PRECEDING YEAR, BY COUNTRIES—Continued.

Country.	Dispatched.			
	Weight.		Increase (+) or decrease (-).	
	1918 Pounds.	1919 Pounds.	1918 Per cent.	1919 Per cent.
Africa ¹ .	9,937	175,100		
Argentina.	124,729	249,727	+ 10.29	+ 100.27
Australia.	549,511	1,218,787	+ 97.46	+ 121.79
Bahamas.	21,818	14,099	- 22.46	- 32.63
Barbados.	52,590	61,246	- 19.41	+ 16.46
Belgium ² .		175,100		
Bermuda.	26,388	49,866	- 29.46	+ 80.33
Bolivia.	178,979	287,917	+ 12.45	+ 60.87
Brazil.	239,995	330,318	+ 73.60	+ 37.69
British Guiana.	30,250	37,252	+ 32.36	+ 23.15
British Honduras.	22,433	23,838	+ 8.64	+ 6.26
Chile ³ .	242,360	20,507	- 25.78	- 91.53
China.	178,503	220,155	- 41.05	+ 23.33
Colombia.	633,721	650,027	- 16.24	+ 2.57
Costa Rica.	74,070	88,182	- 40.55	+ 19.05
Curaçao.	29,323	27,019	+ 6.36	- 7.86
Denmark ⁴ .	11,677			
Dominican Republic.	118,050	147,364	+ 18.34	+ 24.82
Dutch Guiana.	4,122	7,253	- 26.73	+ 75.95
Ecuador.	243,941	252,058	- 4.76	+ 3.69
France.	1,098,765	1,025,942	+ 244.30	- 6.71
French colonies.	15,837	28,163	+ 128.10	+ 77.84
Gibraltar.	6,401	21,288	+ 218.77	+ 232.57
Great Britain ⁵ .	4,126,638	4,159,288	+ 117.46	+ .74
Greece ⁶ .		28,666		
Guatemala.	187,078	263,519	- 12.40	+ 40.86
Haiti.	34,677	46,067	+ 5.37	+ 32.85
Honduras.	176,932	201,420	+ 16.02	+ 13.84
Hongkong.	46,453	97,303	+ 60.69	+ 100.47
Iceland ⁷ .		517		
Italy.	1,820,106	1,116,219	+ 100.91	- 15.45
Jamaica.	112,720	109,899	+ 6.52	- 2.50
Japan.	595,045	1,089,071	+ 61.59	+ 54.70
Leeward Islands.	36,168	38,860	- 1.13	+ 7.44
Liberia.	2,772	1,215	- 9.97	- 56.17
Luxemburg ⁸ .		250		
Mexico.	1,950,707	2,980,790	+ 151.82	+ 52.89
Netherlands ⁹ .		2,105		
Netherlands colonies ¹⁰ .	14,233	43,571	+ 206.13	
Newfoundland.	28,047	28,652	- 33.06	- 1.02
New Zealand.	262,711	493,827	+ 70.48	+ 87.97
Nicaragua.	90,074	101,014	- 12.91	+ 12.15
Norway ¹¹ .		15,513		
Panama.	94,841	107,903	+ 9.10	+ 13.77
Paraguay ¹² .		301		
Peru.	495,030	677,977	+ 45.74	+ 36.96
Portugal ¹² .	7,913	54,103	+ 553.72	
Salvador.	99,771	129,776	- 2.99	+ 30.07
Sweden ¹⁴ .		30,724		
Trinidad.	38,010	44,178	+ 4.66	+ 16.23
Society Islands.		1,519		
Uruguay.	45,625	80,685	+ 29.74	+ 89.90
Venezuela.	163,845	164,938	- 1.47	+ .67
Windward Islands.	15,225	16,932	+ 3.63	+ 11.00
Total.	13,840,266	17,102,131		

¹ Service commencing Aug. 12, 1919.

² Service resumed Jan. 27, 1919.

³ Service suspended Jan. 1, 1918, and resumed May 14, 1919.

⁴ Service resumed May 7, 1919.

⁵ Including Samoa.

⁶ Service resumed Feb. 3, 1919.

⁷ Service commanding Mar. 1, 1919.

⁸ Service commanding Apr. 23, 1919.

⁹ New service.

¹⁰ Service resumed Apr. 19, 1919.

¹¹ Service commanding Apr. 30, 1919.

¹² Service commanding Oct. 10, 1917.

TELEGRAPHS.

No. 209.—WIRELESS TELEGRAPH SYSTEMS: COMPARATIVE SUMMARY,
1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917 ¹
Number of companies or systems.....	5	4	3
Number of messages.....	154,617	2,285,091	122,244
Number of tower stations.....	117	74	63
Income, total.....	\$106,791	\$680,158	\$1,385,060
Net income ²		\$4,738	\$609,526
Expenses, total.....	\$180,329	\$884,420	\$775,534
General operation and maintenance, including salaries and wages and legal expenses.....	\$117,480	\$588,712	\$540,891
Interest and taxes.....	\$8,562	\$7,826	\$47,806
All other expenses.....	\$37,287	\$67,882	\$185,837
Net deficit.....	\$53,538		
Balance sheet:			
Assets, total.....	\$32,958,897	\$10,377,197	\$14,483,638
Construction and equipment.....	\$317,614	\$1,205,770	\$9,275,261
Cash and current assets, including supplies ³	\$32,196,456	\$9,171,427	\$5,208,377
Net deficit.....	\$444,827		
Liabilities, total.....	\$32,958,897	\$10,377,197	\$14,483,638
Capital stock.....	\$32,676,242	\$9,002,570	\$10,399,500
Floating debt and mortgages.....	\$37,145	\$18,483	\$989,173
Accounts payable.....	\$245,510	6 \$583,160	5 \$1,071,641
Net surplus.....		\$172,984	\$1,423,324
Capitalization: Capital stock outstanding, par value	\$32,676,242	\$9,002,570	\$10,399,500
Employees and salaries and wages:			
Average number.....	176	6 958	7 556
Salaries and wages.....	\$81,771	\$393,606	\$461,402

¹ The statistics are those of part of the operations of one company for the entire year and for the coast stations of this and the entire operations of the other companies until taken over by the Government.² Includes 5,013 land messages sent over a leased wire by a wireless company doing land telegraphy also.³ Less all expenses, including charges for depreciation.⁴ Includes stocks, bonds, and sundries.⁵ Includes reserves, cash investments, interest and taxes due and accrued, and sundries.⁶ Number employed Sept. 16, 1912. Includes, in some cases, number of operators on shipboard who, in addition to wages, receive board and quarters.⁷ Includes in two instances, number employed when stations were taken over by the United States Government, Apr. 6, 1917. One report gives number employed Dec. 31, 1917.No. 210.—LAND TELEGRAPH SYSTEMS: REVENUE AND INCOME ACCOUNT,
1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
	Dollars.	Dollars.	Dollars.
Gross receipts from operation.....	37,916,907	52,337,211	91,312,557
Operating expenses.....	34,205,745	45,527,504	71,741,971
Net earnings from operation.....	3,711,162	6,809,047	19,570,596
Income from other sources:	5,995,261	3,956,258	1,641,803
Interest on bonds and dividends on stock of other companies.....	1,081,619	375,903	1,474,571
Leased telegraph lines, wires, and conduits.....	4,430,245	2,419,065	(1)
Real-estate rentals.....	210,014	191,154	(2)
Miscellaneous ¹	273,383	970,136	167,232
Gross income less operating expenses.....	9,706,423	10,765,905	21,212,399
Deductions from income (fixed charges):			
Taxes.....	4,081,242	7,334,861	9,086,999
Interest.....	1,493,004	1,608,593	4,091,687
Payments for use of leased lines.....	1,784,860	4,594,034	3,575,252
Net income.....	5,675,181	3,431,044	12,125,400
Dividends on stock.....	4,044,042	3,139,861	7,165,514
Surplus.....	731,139	291,183	4,059,886

¹ Not called for separately; included in gross receipts from operation.² Not reported separately; included in miscellaneous.³ Including interest.⁴ Includes sinking-fund appropriations from net income.

No. 211.—LAND TELEGRAPH SYSTEMS:¹ COMPARATIVE SUMMARY, 1907,
1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
Number of companies or systems.....	20	21	21
Miles of pole line ²	230,646	247,528	241,012
Miles of single wire owned and leased ³	1,577,961	1,814,196	1,888,793
Number of messages ⁴	101,424,759	106,532,530	155,263,206
Number of telegraph offices.....	29,056	30,781	32,865
Income, total.....	\$43,912,168	\$56,293,469	\$92,954,370
Telegraph traffic.....	\$37,916,907	\$52,337,211	\$891,312,567
All other sources.....	\$5,995,261	\$3,956,258	\$1,841,803
Net income.....	\$5,675,181	\$3,431,044	\$112,125,400
Expenses, total.....	\$88,236,987	\$52,862,425	\$80,928,970
General operation and maintenance, including salaries and wages and legal expenses.....	\$31,852,359	\$42,771,823	\$66,059,205
Interest and taxes.....	\$2,246,382	\$2,740,827	\$5,511,747
All other expenses.....	\$4,138,246	\$7,349,775	\$8,357,928
Balance sheet:			
Assets, total.....	\$166,183,007	\$190,705,751	\$226,406,952
Plant and equipment.....	\$132,607,620	\$143,910,631	\$103,487,637
Stocks and bonds, including "Other permanent investments".....	\$23,514,882	\$17,122,592	\$20,564,702
Cash and current assets, including supplies and sundries.....	\$10,060,505	10 \$29,672,528	10 \$33,354,613
Liabilities, total.....	\$166,183,007	\$190,705,751	\$226,406,952
Capital stock.....	\$102,289,575	11 \$108,156,410	11 \$106,380,287
Funded debt.....	\$37,204,000	\$34,741,000	\$33,827,549
Reserves.....	\$1,876,858	\$5,254,329	\$20,627,340
Accounts payable ¹²	\$7,916,138	\$18,295,653	\$16,829,137
Dividends, interest, and taxes due and accrued.....		\$1,460,733	\$7,174,908
Sundries.....	\$66,692	12 \$13,444,926	12 \$13,019,821
Net surplus.....	\$16,829,744	\$9,352,670	\$28,567,960
Capitalization:			
Capital stock outstanding, par value.....	\$102,289,575	\$108,156,410	\$106,380,287
Dividends on stock.....	\$4,944,042	\$3,189,861	\$7,165,514
Funded debt.....	\$37,204,000	\$34,741,000	\$33,827,549
Employees and salaries and wages:			
Average number.....	26,827	14 35,639	15 49,608
Salaries and wages.....	\$16,893,166	\$23,797,980	\$37,879,560

¹ Western Union figures for both land and cable business, except that nautical miles of ocean cable are not given, are included here, no adequate segregation of financial figures being obtainable.

² Exclusive of pole line wholly owned and used by railway companies, and of that owned by cable companies reporting separately.

³ Does not include 24,301 nautical miles of ocean cable operated by the Western Union Telegraph Co. in 1917, 22,816 nautical miles in 1912, and 5,729 nautical miles in 1907. Exclusive, also, of 344,110 miles of wire wholly owned and operated in 1917 by railway companies having annual operating revenues of \$1,000,000 or more; and in 1912 of 314,329 miles of wire reported by railway companies of all classes; and in 1917 of land wires of cable companies reporting separately.

⁴ Does not include land messages sent over its 207 miles of leased land wire by a wireless company in 1912 nor ocean cable messages, except those reported by the Western Union Telegraph Co., in 1917 and 1912.

⁵ Does not include offices of the ocean cable telegraph companies.

⁶ Includes receipts from leased wires, not required separately in 1917.

⁷ Less all expenses, including charges for depreciation; in 1917 does not include charges for sinking fund, these being a deduction from net income in new accounting forms.

⁸ Includes charges for depreciation which were not included in expenses in 1907, but not payments for use of leased lines.

⁹ Includes payments for use of leased lines.

¹⁰ Includes sinking fund and stock and bond discount.

¹¹ Includes assumed stock of subcompanies to the amount of \$3,881,975 in 1917 and of \$1,946,502 in 1912.

¹² Includes floating debt and cash investments (for unincorporated companies).

¹³ Includes deferred noninterest-bearing obligations payable only on termination.

¹⁴ Number, for the most part, employed Dec. 31, 1912.

¹⁵ Number, for the most part, employed June 30, 1917.

No. 212.—LAND TELEGRAPH SYSTEMS: OPERATING EXPENSES, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
	Dollars. 31,852,359	Dollars. 42,771,823	Dollars. 66,959,295
General operation and maintenance.....			
Salaries and wages.....	16,893,166	23,797,980	37,879,560
Operation and maintenance, including legal expenses.....	14,959,193	15,269,031	21,085,748
Charges for depreciation.....		3,704,812	7,993,987
Rentals of offices and other real estate.....	1,506,456	2,247,311	3,348,911
Rentals of conduits and underground privileges.....	5,920	101,035	306,730
Payments for telegraph traffic made to other companies.....	667,501	228,907	128,296
Miscellaneous.....	83,509	178,488	998,739
Total.....	34,205,745	45,527,504	71,741,971

No. 213.—OCEAN CABLE TELEGRAPH SYSTEMS:¹ COMPARATIVE SUMMARY, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
Number of companies or systems.....	6	6	6
Nautical miles of ocean cable ²	40,572	44,860	46,950
Number of messages.....	2,363,317	2,815,168	2,913,250
Number of cable offices.....	51	88	75
Income, total.....	\$7,671,700	\$8,469,374	\$16,749,053
Telegraph traffic.....	\$7,338,280	\$8,065,798	\$15,077,176
All other sources.....	\$333,420	\$408,576	\$1,071,882
Net income.....	\$4,029,074	\$2,952,847	\$5,708,369
Expenses, total.....	\$3,642,626	\$3,516,527	\$11,042,188
General operation and maintenance, including salaries and wages and legal expenses.....	\$2,204,930	\$4,008,218	\$7,975,458
Interest and taxes.....	\$1,190,308	\$1,214,554	\$2,470,030
All other expenses.....	\$247,379	\$298,755	\$596,092
Balance sheet:			
Assets, total.....	\$95,624,892	\$107,583,155	\$136,610,271
Plant and equipment.....	\$77,438,339	\$78,136,115	\$79,870,795
Stocks and bonds of other companies, treasury stock, and "other permanent investments".....	\$12,971,561	\$16,811,087	\$26,470,295
Cash and current assets, including supplies.....	\$5,211,893	\$12,035,953	\$30,269,181
Liabilities, total.....	\$95,624,892	\$107,583,155	\$136,610,271
Capital stock.....	\$52,900,000	\$55,489,400	\$60,960,000
Funded debt.....	\$28,000,000	\$28,000,000	\$28,000,000
Reserves.....	\$6,381,105	\$15,549,451	\$33,035,608
Accounts payable.....	\$2,495,241	\$1,450,797	\$1,902,592
Dividends due and sundries.....	\$2,352,351	\$887,229	\$3,497,806
Surplus.....	\$3,496,195	\$6,497,278	\$6,214,175
Capitalization:			
Capital stock outstanding, par value.....	\$52,800,000	\$55,489,400	\$60,900,000
Dividends on stock.....	\$2,532,041	\$3,040,200	\$2,651,697
Funded debt.....	\$28,000,000	\$28,000,000	\$28,000,000
Employees and salaries and wages:			
Average number.....	1,207	71,656	81,966
Salaries and wages.....	\$915,083	\$1,167,014	\$1,764,351

¹ Does not include statistics for the ocean cable systems operated by the Western Union Telegraph Co., as no segregation could be obtained of the financial statistics for the cable business of this company. The number of nautical miles of ocean cable owned and leased by it was, in 1917, 24,301; in 1912, 22,816 miles; and in 1907, 5,729 miles. The number of ocean messages reported by this company for 1917 was 3,537,978; in 1912, 2,996,112; and, as estimated by it for 1907, 3,500,000.

² In addition there were 116 miles of pole line and 1,452 miles of single wire on land and under ground.

³ Includes payment for leased lines.

⁴ Includes sinking and other special funds and sundries for 1917 and 1912 and sundries only for 1907.

⁵ Includes floating debt.

⁶ Includes in 1917 interest and taxes, due and accrued, and also, in 1907, interest.

⁷ Number, for the most part, employed Dec. 31, 1912.

⁸ Number, for the most part, employed June 30, 1917.

No. 214.—LAND AND OCEAN TELEGRAPH SYSTEMS COMBINED:
COMPARATIVE SUMMARY, 1902, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1902	1907	1912	1917
Number of companies or systems.....	25	126	127	127
Miles of pole line.....	2,287,990	2,239,646	2,247,528	2,241,128
Miles of single wire owned and leased	1,318,350	1,577,961	1,814,196	1,890,245
Nautical miles of ocean cable.....	16,877	46,301	67,676	71,251
Number of messages.....	91,655,287	108,794,076	109,877,698	158,176,456
Number of telegraph offices.....	27,377	29,110	30,864	28,940
Income, total.....	\$40,930,038	\$51,583,868	\$64,762,843	\$109,708,428
Telegraph traffic.....	\$35,300,569	\$45,255,187	\$60,403,009	\$106,989,743
All other sources.....	\$5,629,469	\$6,328,681	\$4,359,834	\$2,713,685
Net income.....	\$9,982,004	\$9,704,255	\$6,833,891	\$17,832,269
Expenses, total.....	\$30,945,034	\$41,879,013	\$58,378,952	\$91,871,159
General operation and maintenance, including salaries and wages and legal expenses.....	\$24,455,511	\$34,057,293	* \$46,780,041	* \$74,934,758
Interest and taxes.....	\$2,539,008	\$8,436,690	\$3,955,381	\$7,081,756
All other expenses.....	\$3,953,515	\$4,385,625	\$7,643,530	\$8,954,620
Balance sheet:				
Assets, total.....	\$195,503,775	\$261,807,899	\$298,288,906	\$363,017,222
Plant and equipment.....	\$161,679,579	\$210,046,959	\$222,046,746	\$243,358,432
Stocks and bonds of other companies ^a	\$25,939,944	\$36,486,446	\$33,933,679	\$56,034,997
Cash and current assets, including supplies and sundries.....	\$7,894,252	\$15,275,494	* \$42,308,481	* \$63,623,794
Liabilities, total.....	\$195,503,775	\$281,807,899	\$298,288,906	\$363,017,223
Capital stock.....	\$117,053,525	\$155,089,575	\$163,645,810	\$167,200,237
Funded debt.....	\$45,802,000	\$9,204,000	\$82,741,000	\$61,827,519
Reserves.....	\$7,859,648	\$8,297,963	\$20,803,780	\$53,662,948
Accounts payable ^b	\$6,244,535	\$10,411,370	\$19,735,480	\$21,791,729
Dividends, interest, and taxes due and accrued, and sundries.....	\$373,976	\$2,519,043	* \$15,492,888	* \$23,602,625
Net surplus.....	\$18,079,041	\$20,325,939	\$15,849,948	\$34,782,135
Capitalization:				
Capital stock outstanding, par value.....	\$117,053,525	\$155,089,575	\$163,645,810	\$167,200,237
Dividends on stock.....	\$6,250,693	\$7,477,083	\$8,180,061	\$9,817,211
Funded debt outstanding, par value.....	\$45,893,000	\$65,204,000	\$62,741,000	\$61,827,549
Employees and salaries and wages:				
Average number.....	27,627	28,084	* 37,295	11,51,574
Salaries and wages.....	\$15,039,673	\$17,808,249	\$24,904,994	\$39,643,911

^a Commercial Cable Co. of Cuba (not reporting in 1902) counted as a separate company in both 1907 and 1912.

^b Exclusive of pole line wholly owned and wholly operated by railway companies.

¹ Exclusive of wire wholly owned and wholly operated by railway companies; this in 1917 was 344,110 miles, as reported by railway companies having annual operating revenues of \$1,000,000 or more; in 1912, 314,329 miles reported by railway companies of all kinds. In 1902 includes mileage operated outside of the United States by Western Union Telegraph Co. Includes 116 miles of pole line and 1,452 miles of single wire reported by ocean cable telegraph companies.

² Includes charges for depreciation.

³ Includes treasury stock and "Other permanent investments."

⁴ Includes sinking funds and stock and bond discount.

⁵ Includes assumed stock of subcompanies to the amount of \$3,881,975 in 1917 and of \$1,946,592 in 1912.

⁶ Includes floating debt and cash investments (for unincorporated companies).

⁷ Includes deferred noninterest-bearing obligations payable only on determination of leases—not reported at previous censuses—and real-estate mortgages.

¹⁰ Number, for the most part, employed Dec. 31, 1912.

¹¹ Number, for the most part, employed June 30, 1917.

TELEGRAPHHS.

No. 215.—OCEAN CABLE TELEGRAPH SYSTEMS: REVENUE AND INCOME ACCOUNT, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
Gross receipts from operation.....	Dollars. 7,388,280	Dollars. 8,065,798	Dollars. 15,077,176
Operating expenses.....	2,373,339	4,214,264	8,572,150
Net earnings from operation.....	4,984,941	3,851,534	7,103,028
Income from other sources.....	383,420	103,576	1,071,882
Gross income less operating expenses.....	5,298,361	4,255,110	8,176,908
Deductions from income (fixed charges).....	1,269,287	1,302,263	2,470,039
Taxes.....	30,308	54,554	1,305,554
Interest.....	1,160,000	1,160,000	1,164,375
Payments for use of leased lines.....	78,979	87,709	-
Net income.....	4,029,074	2,952,847	5,700,869
Dividends on stock.....	2,533,041	3,040,200	12,651,097
Surplus.....	1,496,033	(*)	\$8,055,172

¹ In addition, stock dividends of \$5,793,930 were declared and dividends of \$110,845 from accumulated surplus.

² Deficit of \$87,853 in 1912.

³ Includes \$236,101 which in new accounting tables are appropriations of net income.

No. 216.—OCEAN CABLE TELEGRAPH SYSTEMS: OPERATING EXPENSES, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	1907	1912	1917
General operation and maintenance:			
Salaries and wages.....	Dollars. 915,083	Dollars. 1,167,014	Dollars. 1,784,351
Operation and maintenance, including legal expenses.....	1,286,856	2,841,204	2,115,308
Charges for depreciation.....	4,093,799	(*)	4,095,799
Total.....	6,300,738	-	7,975,468
Rentals of offices and other real estate.....	87,898	104,748	157,380
Miscellaneous ²	80,504	101,298	439,312
Total.....	6,409,138	-	8,572,150

¹ Not reported.

² Including rentals of conduits and underground privileges and payments for telegraph traffic made to other companies.

No. 217.—WESTERN UNION TELEGRAPH CO.: MILEAGE OF LINES AND WIRES,
NUMBER OF OFFICES, AND TRAFFIC, 1874 TO 1918.

[Source: Annual reports of the Western Union Telegraph Co.]

Year ended June 30—	Miles of line.	Miles of wire.	Num- ber of offices.	Number of messages sent.	Receipts.	Expenses.	Profits.	Average per message.	
								Toll.	Cost.
1874...	71,583	175,735	6,188	16,329,256	9,262,654	6,755,734	2,506,920	54.9	39.5
1875...	72,883	179,496	6,565	17,158,710	9,564,575	6,835,415	3,229,153	54.0	35.2
1876...	73,632	183,832	7,072	18,729,567	10,034,984	6,638,474	3,399,510	50.9	33.5
1877...	76,955	194,323	7,500	21,158,941	9,812,353	6,672,225	3,140,128	43.6	29.8
1878...	81,002	206,202	8,014	23,918,894	9,861,355	6,809,813	3,551,543	38.9	25.0
1879...	82,987	211,566	8,534	25,070,106	10,960,640	6,160,200	4,800,440	38.6	25.2
1880...	85,645	233,534	9,077	29,215,509	12,782,895	6,948,957	5,833,938	38.5	25.4
1881...	110,340	327,171	10,737	32,500,000	14,893,544	8,485,264	5,908,280	38.4	25.6
1882...	131,060	374,368	12,005	38,842,247	17,114,166	9,996,036	7,118,070	38.2	25.8
1883...	144,294	432,726	12,917	41,181,177	19,454,903	11,794,553	7,660,350	38.0	26.0
1884...	145,087	450,571	13,761	42,076,226	19,632,940	13,022,504	6,610,436	36.5	25.2
1885...	147,500	462,283	14,184	42,096,583	17,706,884	12,005,910	5,700,924	32.1	24.9
1886...	151,832	489,607	15,142	43,289,807	16,298,639	12,378,783	3,919,855	31.3	23.4
1887...	156,814	524,641	15,658	47,394,530	17,191,910	13,154,629	4,037,281	30.4	23.0
1888...	171,375	616,248	17,241	51,463,955	19,711,164	14,640,592	5,070,572	31.2	23.2
1889...	178,754	647,697	18,470	54,108,326	20,788,194	14,565,153	6,218,041	31.2	22.4
1890...	183,917	678,997	19,382	55,878,762	22,387,029	15,074,304	7,312,725	32.4	22.7
1891...	187,981	715,591	20,093	59,148,343	23,084,827	16,428,742	6,605,585	32.5	23.2
1892...	189,576	739,105	20,700	62,387,298	23,706,405	16,307,857	7,398,543	31.6	22.8
1893...	189,936	769,201	21,078	66,591,858	24,978,443	17,482,406	7,496,087	31.2	22.7
1894...	190,303	790,792	21,166	58,632,287	21,852,655	16,060,170	5,792,485	30.5	23.3
1895...	189,714	802,651	21,360	58,307,815	22,218,019	16,076,630	6,141,389	30.7	23.3
1896...	189,918	826,929	21,725	58,760,444	22,612,736	16,714,756	5,897,980	30.9	24.0
1897...	190,614	841,002	21,769	58,151,684	22,638,859	16,906,656	5,732,203	30.5	24.3
1898...	189,847	874,420	22,210	62,178,749	23,915,733	17,825,582	6,090,151	30.1	24.7
1899...	189,856	904,638	22,285	61,898,157	23,954,812	18,085,579	5,868,733	30.8	25.1
1900...	192,705	938,158	22,900	63,167,788	24,758,570	18,593,206	6,165,364	30.8	25.1
1901...	198,589	972,766	23,238	65,057,049	26,354,151	19,668,908	6,685,248	30.9	25.1
1902...	196,115	1,029,984	23,567	69,374,883	28,078,095	20,780,766	7,292,329	31.0	25.7
1903...	196,517	1,089,212	23,120	69,790,866	29,167,687	20,953,215	8,214,472	31.4	25.6
1904...	199,350	1,155,405	23,458	67,908,978	29,249,390	21,361,915	7,887,475	31.7	26.1
1905...	200,224	1,184,557	23,814	67,477,820	29,038,635	21,845,570	7,188,065	31.6	27.3
1906...	202,959	1,256,147	24,323	71,487,082	30,675,655	23,605,072	7,070,588	31.6	27.6
1907...	205,646	1,321,199	24,760	74,804,551	32,856,406	26,532,196	6,324,210	33.7	30.2
1908...	208,477	1,359,430	23,858	62,371,287	28,582,212	25,179,215	3,402,997	33.7	34.3
1909...	211,513	1,382,500	24,821	65,058,439	30,541,078	28,198,966	7,347,107	34.1	28.5
1910...	214,300	1,429,049	24,825	75,135,405	33,889,202	26,614,302	7,274,900	35.2	30.2
1911...	219,219	1,487,345	24,926	77,780,732	37,158,989	30,053,632	7,105,357	38.8	33.1
1912...	235,807	1,532,161	25,392	80,000,000	42,987,807	36,068,886	6,928,971	-----	-----
1913...	235,033	1,558,181	26,000	-----	47,428,443	42,959,934	4,463,508	-----	-----
1913...	237,807	1,562,170	25,060	-----	46,899,267	42,827,121	4,572,146	-----	-----
1914...	240,231	1,600,346	25,784	-----	47,287,388	40,578,751	6,708,637	-----	-----
1915...	238,940	1,610,709	25,142	-----	52,475,721	40,972,541	11,508,180	-----	-----
1916...	237,664	1,627,342	25,284	-----	63,621,601	49,894,346	13,727,255	-----	-----
1917...	228,966	1,626,963	25,466	-----	78,480,223	62,788,006	15,697,217	-----	-----
1918...	217,303	1,382,544	25,452	-----	78,093,247	76,713,028	7,113,380,210	-----	-----

¹ Not including messages sent over leased wires or under railroad contracts.

² Figures derived from a study, but facilities such that accuracy can not be guaranteed.

³ Estimated.

⁴ Year ended Dec. 31.

⁵ Includes special payment to employees, \$1,166,424.50.

⁶ Figures readjusted.

⁷ Corporate and Federal.

NO. 218.—TELEGRAPH AND TELEPHONE SYSTEMS REPORTING AN ANNUAL INCOME OF \$5,000 OR MORE: COMPARATIVE SUMMARY, WITH PERCENTAGES, 1902, 1907, 1912, AND 1917.

[Source: Bulletin of the Bureau of the Census, Department of Commerce.]

	Census year.	Telephone and telegraph systems.			Percent of total.	
		Telephones. ¹	Telegraphs. ²	Total.	Tele-	Tele-
					phones.	graphs.
Number of systems and lines.....	1902	9,136	25	9,161	99.7	0.3
	1907	22,971	26	22,997	99.9	.1
	1912	32,238	27	32,260	99.9	.1
	1917	53,234	27	53,261	99.9	.1
Miles of single wire.....	1902	4,900,451	1,318,350	6,218,801	78.8	21.2
	1907	12,999,864	1,577,961	14,577,325	89.2	10.8
	1912	20,248,326	3,184,196	22,082,522	91.8	8.2
	1917	28,827,188	3,1,890,245	30,717,433	93.8	6.2
Ocean cable, nautical miles.....	1902	(4)	16,677	16,677		
	1907	(4)	46,301	46,301		
	1912	(4)	67,676	67,676		
	1917	(4)	71,251	71,251		
Employees and salaries and wages:						
Number.....	1902	78,752	27,627	106,379	74.0	26.0
	1907	144,169	28,034	172,203	83.7	16.3
	1912	183,361	37,295	220,656	83.1	16.9
	1917	244,490	51,574	296,064	82.6	17.4
Salaries and wages.....	1902	\$36,255,621	\$15,039,673	\$51,295,294	70.7	29.3
	1907	\$68,279,127	\$17,808,249	\$86,087,376	79.3	20.7
	1912	\$96,040,541	\$24,964,904	\$121,005,535	79.4	20.6
	1917	\$169,655,066	\$30,643,911	\$209,298,977	81.1	18.9
Capital stock and funded debt, including real-estate mortgages of incorporated companies.....	1902	\$348,031,058	\$162,946,525	\$510,977,583	68.1	31.9
	1907	\$739,876,688	\$220,293,575	\$960,170,263	77.0	23.0
	1912	\$970,680,902	\$226,336,810	\$1,197,077,802	81.1	18.9
	1917	\$1,169,073,870	\$229,087,788	\$1,398,161,656	83.6	16.4
Revenue, operating and non-operating.....	1902	\$86,825,536	\$40,930,038	\$127,755,574	68.0	32.0
	1907	\$175,760,446	\$51,583,868	\$227,334,314	77.3	22.7
	1912	\$253,893,969	\$64,762,843	\$318,656,812	79.7	20.3
	1917	\$372,501,800	\$109,703,428	\$482,205,228	77.2	22.8
Expenses, including taxes and fixed charges.....	1902	\$65,164,771	\$30,948,034	\$96,112,805	67.8	32.2
	1907	\$134,525,215	\$41,879,613	\$176,404,828	76.3	23.7
	1912	\$202,507,044	\$55,378,952	\$260,946,596	77.6	22.4
	1917	\$313,103,060	\$91,871,159	\$404,974,219	77.3	22.7

¹ For number of systems and lines and for miles of wire all systems and lines are included; for the other items the figures for 1902 are exclusive of farmer lines and systems, and the figures for 1917, 1912, and 1907 are exclusive of lines and systems having annual incomes of less than \$5,000.

² Does not include wireless telegraph systems.

³ Exclusive of 344,110 miles of wire in 1917 and 314,329 miles in 1912 owned and operated by railway companies.

⁴ Not reported.

No. 219.—AMERICAN TELEPHONE & TELEGRAPH CO. AND ASSOCIATED OPERATING COMPANIES (BELL TELEPHONE SYSTEM): COMPARATIVE STATISTICS, JAN. 1, 1914, TO JAN. 1, 1919.

[Source: The American Telephone & Telegraph Co.]

PLANT AND TRAFFIC.

	1914	1915	1916	1917	1918	1919
Central offices.....	5,245	5,289	5,300	5,397	5,676	5,742
Miles of underground wire.....	8,817,815	9,760,165	10,536,837	11,468,525	13,451,121	13,967,496
Miles of submarine wire.....	31,833	35,809	36,314	41,172	46,568	55,361
Miles of aerial wire.....	7,261,363	7,679,620	7,932,394	8,340,618	9,112,498	9,260,293
Total.....	16,111,011	17,475,594	18,505,545	19,850,315	22,610,487	23,281,150
Miles of exchange wire.....	13,777,470	15,037,897	16,052,062	17,167,405	19,521,679	19,947,230
Miles of toll wire.....	2,333,541	2,437,697	2,453,483	2,082,910	3,088,508	3,333,920
Total.....	16,111,011	17,475,594	18,505,545	19,850,315	22,610,487	23,281,150
Miles of phantom circuit.....	174,928	180,562	196,841	221,994	281,016	305,400
Telephones owned ¹	5,254,808	5,584,853	5,968,110	6,545,490	7,031,530	7,201,757
Connected telephones (owned by other companies).....	2,878,209	3,064,140	3,183,111	3,301,702	3,444,148	3,790,568
Total.....	8,133,017	8,648,993	9,151,221	9,847,192	10,475,678	10,992,325
Employees.....	156,928	142,527	156,294	178,022	192,364	187,458
Exchange messages daily.....	26,451,024	27,049,225	25,183,799	28,530,073	30,845,153	30,001,146
Toll messages daily.....	806,137	795,949	819,030	889,860	1,009,205	1,066,552

REVENUE.²

	1913	1914	1915	1916	1917	1918 ⁴
Gross revenue.....	Dollars. 215,572,822	Dollars. 225,952,123	Dollars. 239,909,649	Dollars. 270,400,892	Dollars. 301,867,172	Dollars.
Expenses.....	156,883,299	166,704,844	173,727,892	194,783,253	229,332,730	.....
Net revenue.....	58,689,523	59,247,279	66,181,757	75,617,639	72,534,442	.....
Interest.....	16,652,624	18,940,641	18,095,643	18,378,931	21,820,231	.....
Net income.....	42,036,899	40,306,638	48,086,114	57,228,708	50,714,211	.....
Dividends.....	30,301,705	30,304,188	32,897,065	35,160,119	36,862,582	.....
Balance for surplus.....	11,735,194	10,002,452	15,189,049	22,078,589	13,851,629	.....

TELEPHONE PLANT, CAPITAL STOCK, AND FUNDED DEBT.³

	1914	1915	1916	1917	1918	1919
Telephone plant.....	Dollars. 797,159,487	Dollars. 847,204,803	Dollars. 880,068,520	Dollars. 946,293,248	Dollars. 1,064,892,710	Dollars. 1,142,495,152
Capital stock.....	395,224,531	393,731,750	440,711,200	463,101,589	505,403,777	513,017,040
Funded debt.....	341,147,485	385,352,367	353,236,464	422,586,617	407,434,080	430,992,459

¹ Includes private-line telephones.

² Decrease as compared with figures for previous years, due to the fact that since 1914 all calls on which the subscriber for any reason failed to receive the desired connection have been rigidly excluded.

³ All duplications between companies excluded.

⁴ The Bell Telephone System was under Federal control during the last five months of this period, and the complete 1918 income statement for the properties of the system is, therefore, not available at this time.

No. 220.—TELEPHONE SYSTEMS REPORTING AN ANNUAL INCOME OF \$5,000 OR MORE: COMPARATIVE SUMMARY,
1912 AND 1917.

[Source: Bulletin of the Census, Department of Commerce.]

	Bell Telephone System. ¹		All other systems.			Total.
	1912	1917	1912	1917	1912	
Number of systems.....	176	145	1,740	2,055	1,916	2,200
Number of public exchanges.....	5,853	6,288	5,612	6,066	11,515	12,204
Number of private-branch exchanges.....	45,387	45,857	72,233	8,661	52,631	80,914
Miles of pole line.....	15,354	122	400,895	318,264	750,025	750,025
Miles of wire.....	15,133	156	28,133	3,886	4,164	4,164
Miles of submarine circuit.....	15,133	156	28,133	718	205	205
Number of telephones.....	5,065,027	7,286,888	2,269,721	2,626	532	7,326,748
Estimated number of messages or talks.....	9,133,226,836	14,597,367,889	4,602,481,409	5,211,483	216	13,738,658,245
Local exchange.....	8,886,833,093	14,236,304,195	4,508,047,349	5,120,806	296	13,394,586,442
Long-distance or toll.....	246,388,733	361,283,674	94,354,060	51,686,250	346	772,563
Average messages or talks per telephone.....	1,795	1,932	2	0.55	1,933	442,949,934
Local exchange.....	1,747	1,943	2	0.55	1,932	1,930
Long-distance or toll.....	2	113	1,943	1,952	1,932	1,946
Revenue, operating and nonoperating.....	\$206,095,172	\$211,918,290	\$17,798,797	\$10,583,311	47	44
Expenses, including taxes and fixed charges, total.....	\$201,968,447	\$200,738,238	\$19,579,197	\$10,583,909	\$272,501,800	\$272,501,800
Net income.....	\$13,106,725	\$51,134,972	\$8,219,600	\$2,110,722	\$213,103,050	\$213,103,050
Dividends.....	\$29,709,841	\$37,020,809	\$4,410,966	\$3,245,750	\$51,226,355	\$51,226,355
Assets, total.....	\$934,902,563	\$1,331,599,048	\$390,814,735	\$353,272,514	\$42,206,539	\$42,206,539
Value of plant and equipment.....	\$750,017,715	\$1,149,639,066	\$301,415,882	\$205,272,476	\$1,285,610,101	\$1,285,610,101
Stocks and bonds and other permanent investments.....	\$72,029,170	\$87,997,194	\$21,925,497	\$10,483,625	\$1,631,912,142	\$1,631,912,142
Cash and current assets.....	\$82,158,648	\$87,338,132	\$14,459,607	\$14,068,100	\$95,618,255	\$95,618,255
Liabilities, total.....	\$934,905,563	\$1,331,599,048	\$13,063,952	\$14,200,673	\$13,063,952	\$13,063,952
Capital stock.....	\$307,582,423	\$305,409,065	\$290,864,538	\$233,521,574	\$1,293,610,101	\$1,293,610,101
Funded debt, including real-estate mortgages of incorporated systems.....	\$205,072,603	\$110,357,279	\$109,639,925	\$82,772,120	\$819,783,879	\$819,783,879
Floating debt and accounts payable, etc.....	\$49,118,370	\$21,803,277	\$20,891,972	\$25,014,719	\$70,610,342	\$70,610,342
Cash investments.....					\$46,817,956	\$46,817,956
Sundries.....					\$4,946,599	\$4,946,599
Net surplus.....	\$152,807,006	\$261,958,540	\$33,287,138	\$33,365,759	\$165,574,583	\$165,574,583
	\$38,422,061	\$128,076,887	\$22,349,560	\$20,888,231	\$60,771,621	\$60,771,621
					\$145,960,148	\$145,960,148

TELEPHONES.

Salaried employees:				
Number.....	31,435	37,299	7,315	7,406
Salaries.....	\$27,004,837	\$39,940,809	\$5,676,045	\$6,826,060
Wage earners:				
Number ¹	110,498	161,401	34,140	38,384
Wages.....	\$49,386,524	\$104,974,058	\$13,482,535	\$18,114,139

¹ The census figures for the Bell System do not agree exactly with those contained in the annual reports of the directors of the company as given on the preceding page, because the former include certain affiliated and controlled companies that were not covered in the annual reports. The Bell System companies are located in 27 different States, and its local and long-distance service extends into all States. The miles of wire and number of telephones are the only features for which satisfactory comparison can be made between the Bell and other systems.

² Number for 1917 is that employed on Sept. 29, for 1912 on Sept. 16.

No. 221.—ELECTRIC RAILWAYS, 1919:¹ MILEAGE AND NUMBER OF CARS,
BY STATES AND BY GEOGRAPHIC DIVISIONS.

[Source: The Electric Railway Journal.]

State.	Number of companies.	Miles of track.	Motor passenger cars.	Trailer passenger cars.	Electric locomotives.	Freight and express motor cars.	Freight and express trailer cars.	Service cars. ²	Other cars. ³
Alabama.....	12	366	419	90	1	3	.....	25	145
Arizona.....	4	54	43	1	.....	.....	4	1	1
Arkansas.....	10	131	237	.....	.....	.....	2	40	40
California.....	36	3,424	3,735	117	68	2	409	148	1,481
Colorado.....	13	487	445	143	7	2	159	40	55
Connecticut.....	8	1,501	1,829	50	108	71	4	18	300
Delaware.....	2	153	309	.....	.....	.....	.....	.....	80
District of Columbia.....	8	422	1,048	75	6	.....	.....	58	300
Florida.....	9	206	287	1	.....	1	1	.....	41
Georgia.....	12	491	678	33	1	2	.....	32	46
Idaho.....	3	113	40	2	.....	2	2	.....	14
Illinois.....	56	3,724	5,794	723	54	26	2,221	91	343
Indiana.....	28	2,418	1,835	57	37	70	376	44	357
Iowa.....	23	887	955	48	25	8	125	4	198
Kansas.....	15	530	368	38	2	18	80	26	37
Kentucky.....	7	494	1,002	14	.....	12	27	18	51
Louisiana.....	9	318	651	48	.....	6	1	106	10
Maine.....	13	528	512	10	8	28	80	89	103
Maryland.....	12	693	2,156	59	13	3	48	.6	103
Massachusetts.....	33	3,117	8,125	23	11	90	11	1,077	198
Michigan.....	20	1,762	2,788	59	20	123	284	37	419
Minnesota.....	13	732	1,272	8	1	2	28	.....	118
Mississippi.....	10	117	139	5	2	.....	.....	.....	31
Missouri.....	23	1,174	2,459	172	5	6	12	.....	211
Montana.....	8	798	129	31	75	1	.....	11	.....
Nebraska.....	4	252	580	10	1	.....	.....	6	60
Nevada.....	2	11	9	.....	.....	.....	.....	.....	.....
New Hampshire.....	11	246	291	.....	2	1	.....	15	20
New Jersey.....	23	1,593	3,155	2	2	19	1	306	53
New Mexico.....	2	11	16	.....	.....	.....	.....	.....	.....
New York.....	86	6,039	17,035	1,371	288	42	159	394	1,870
North Carolina.....	11	301	314	8	17	2	167	.....	31
North Dakota.....	4	27	37	24	.....	.....	2	5	.....
Ohio.....	58	4,223	5,184	535	15	138	208	513	517
Oklahoma.....	16	331	287	6	4	1	29	22	67
Oregon.....	9	722	739	88	24	22	463	129	48
Pennsylvania.....	102	4,346	7,483	71	4	81	68	187	1,466
Rhode Island.....	4	437	1,088	25	.....	.....	71	.....	184
South Carolina.....	4	146	203	30	.....	.....	.....	.....	25
South Dakota.....	3	26	28	4	.....	.....	.....	1	3
Tennessee.....	11	467	797	57	1	.....	2	12	74
Texas.....	25	989	1,227	132	1	13	6	19	172
Utah.....	5	448	214	37	15	13	76	1	220
Vermont.....	8	102	127	.....	2	3	12	3	5
Virginia.....	12	433	941	64	3	16	2	52	36
Washington.....	18	1,084	1,108	34	31	19	455	8	426
West Virginia.....	18	660	622	20	13	20	10	16	77
Wisconsin.....	16	760	903	117	2	.....	.....	79	69
Wyoming.....	2	22	15	10	.....	.....	.....	.....	4
Total.....	841	48,326	79,655	4,447	860	806	5,622	3,672	10,114
<i>Geographic divisions.⁴</i>									
New England States.....	77	5,031	11,909	108	131	193	107	1,273	810
Eastern States.....	263	14,349	32,749	1,662	329	181	288	1,019	3,990
Central States.....	244	16,174	22,192	1,733	159	385	3,371	786	2,283
Southern States.....	88	2,543	3,725	267	22	14	175	177	443
Western States.....	169	9,829	9,020	677	228	93	1,681	417	2,558

¹ The reports from which this table is made up are rendered at different dates, the average of which is about July 1, 1919.

² Nonrevenue cars such as work cars, snowplows, etc.

³ Funeral, sleeping, dining, and cars not otherwise classified.

⁴ New England States—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, Eastern States—New York, New Jersey, Pennsylvania, Delaware, District of Columbia, Maryland, Virginia, West Virginia, Central States—Michigan, Ohio, Indiana, Kentucky, Wisconsin, Illinois, Minnesota, Iowa, Missouri. Southern States—North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, Louisiana, Arkansas. Western States—North Dakota, South Dakota, Nebraska, Nevada, Kansas, Texas, Colorado, Montana, Idaho, Utah, Washington, Oregon, California, Arizona, Oklahoma, New Mexico, Wyoming.

No. 222.—RAILROADS: MILES OF LINE¹ IN SPECIFIED YEARS, 1860 TO 1917, AND PER 100 SQUARE MILES AND PER 10,000 INHABITANTS IN 1917, BY STATES.

[Sources: Calendar years 1860, 1870, and 1880, Poor's Manual of Railroads, the data representing mileage operated; fiscal years ended June 30, 1890, 1900, 1910, and calendar years 1910 and 1917, statistical reports of the Interstate Commerce Commission, the data representing mileage owned.]

State.	Mileage.								Miles of line, 1917, per—		
	1860	1870	1880	1890	1900	1910 ²	1916 ^{2,3}	1917 ^{2,3}	100 sq.m. of ter- ritory.	10,000 inhab- itants.	
Ala.....	743	1,157	1,843	3,313.87	4,225.34	5,226.16	5,441.87	5,420.40	10.57	22.86	
Ark.....	38	256	859	2,195.81	3,359.86	5,305.51	5,290.25	5,219.87	9.94	29.45	
Calif.....	23	925	2,195	4,356.11	5,751.04	7,771.88	8,438.56	8,388.93	5.37	27.42	
Colo.....	157	1,570	4,170.19	4,587.25	5,532.56	5,699.56	5,639.68	5.44	56.77		
Conn.....	601	742	923	1,007.29	1,023.62	1,000.14	999.97	999.25	20.73	7.87	
Del.....	127	197	275	322.69	346.72	334.81	335.32	335.32	17.08	15.56	
Fla.....	402	446	518	2,470.89	3,209.06	4,431.54	5,279.26	5,248.71	9.57	57.01	
Ga.....	1,420	1,845	2,459	4,532.37	5,651.72	7,056.49	7,463.98	7,464.22	12.71	25.70	
Idaho.....			206	941.44	1,261.23	2,178.63	2,828.77	2,861.13	3.43	63.69	
Ill.....	2,790	4,828	7,851	10,213.97	11,002.93	11,878.34	12,119.93	12,132.92	21.65	19.41	
Ind.....	2,163	3,177	4,373	5,971.03	6,470.61	7,420.14	7,486.40	7,436.35	20.63	26.19	
Iowa.....	655	2,683	5,400	8,355.97	9,185.18	9,754.68	9,841.29	9,837.71	17.70	44.31	
Kans.....		1,501	3,400	8,806.45	8,719.36	9,006.88	9,408.99	9,383.36	11.47	50.54	
Ky.....	524	1,017	1,530	2,746.25	3,059.99	3,526.21	3,554.46	3,585.80	9.60	16.10	
La.....	335	450	652	1,758.94	2,824.08	5,553.74	5,582.89	5,363.01	11.81	28.79	
Me.....	472	786	1,005	1,358.13	1,915.24	2,248.00	2,266.09	2,269.77	7.59	29.16	
Md.....	386	671	1,040	1,231.34	1,376.16	1,426.45	1,418.50	1,425.94	14.34	10.36	
Mass.....	1,204	1,480	1,915	2,093.73	2,118.58	2,115.21	2,139.14	2,135.45	26.50	5.64	
Mich.....	779	1,638	3,938	7,242.07	8,195.18	9,021.13	8,885.27	8,925.47	15.53	28.76	
Minn.....		1,092	3,151	5,466.37	6,942.57	8,668.60	9,196.37	9,161.97	11.33	39.50	
Miss.....	862	990	1,127	2,332.03	2,919.90	4,506.16	4,421.64	4,447.29	9.59	22.44	
Mo.....	817	2,000	3,065	6,004.10	6,875.04	8,082.74	8,230.46	8,230.88	11.98	23.97	
Mont.....		106	2,181.04	3,010.32	4,207.42	4,858.54	4,953.99	3.39	104.15		
Nebr.....	705	1,953	5,295.35	6,684.35	6,067.15	6,166.64	6,166.69	8.03	47.91		
Nev.....	593	739	924.87	909.35	2,276.66	2,318.64	2,293.44	2.09	205.00		
N. H.....	661	736	1,015	1,145.03	1,239.20	1,245.93	1,251.90	1,253.40	13.88	28.17	
N. J.....	560	1,125	1,684	2,046.76	2,256.69	2,260.49	2,343.75	2,344.18	31.20	7.74	
N. Y.....	2,682	3,928	5,957	7,660.71	8,121.03	8,429.77	8,404.20	8,434.14	7.70	8.03	
N. C.....	937	1,178	1,486	3,000.88	3,831.16	4,032.41	5,544.88	5,492.19	11.27	22.50	
N. Dak.....	465	1,225	1,940.64	2,731.22	4,201.07	5,275.08	5,316.29	7.57	69.02		
Ohio.....	2,946	3,538	5,792	7,911.51	8,807.27	9,134.46	9,078.15	9,044.43	22.20	17.31	
Oklahoma.....		(*)	167.96	827.88	5,980.22	6,451.08	6,502.35	9.37	28.18		
Oreg.....	159	508	1,427.95	1,723.80	2,284.66	3,226.17	3,232.09	3.38	37.27		
Pa.....	2,598	4,656	6,191	8,458.20	10,330.50	11,290.17	11,619.27	11,680.59	26.05	13.44	
R. I.....	108	136	210	212.52	211.79	212.14	205.54	205.54	19.26	3.27	
S. C.....	973	1,139	1,427	2,193.60	2,817.93	3,441.74	3,693.72	3,697.12	12.12	22.44	
S. Dak.....	(*)	(*)	2,485.89	2,849.53	3,947.65	4,278.75	4,278.52	5.57	59.37		
Tenn.....	1,253	1,492	1,843	2,751.87	3,136.95	3,815.97	4,098.72	4,075.71	9.78	17.66	
Tex.....	307	711	3,244	8,613.42	9,886.49	14,281.81	15,831.68	15,931.60	6.07	35.14	
Utah.....		257	842	1,000.14	1,547.42	1,985.94	2,143.03	2,144.69	2.61	48.16	
Vt.....	554	614	914	921.49	1,012.11	1,100.48	1,068.02	1,055.64	11.57	28.88	
Va.....	1,379	1,486	1,893	3,160.40	3,779.15	4,534.94	4,792.21	4,677.22	11.62	21.09	
Wash.....		289	1,783.37	2,913.57	4,875.21	5,684.50	5,649.93	8.45	35.09		
W. Va.....	352	387	691	1,327.93	2,228.05	3,600.98	4,098.30	4,012.85	16.70	28.30	
Wis.....	905	1,525	3,155	5,583.59	6,580.52	7,475.21	7,767.38	7,667.69	13.88	30.27	
Wyo.....		459	512	941.88	1,228.63	1,644.89	1,917.71	1,924.24	1.97	103.70	
Alaska ⁷	Total ⁸	30,626	52,922	93,267	163,597.05	198,345.78	240,438.84	254,045.83	258,626.13	108.53	1124.39

¹ For additional trackage, see Table 224.

² Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

³ Calendar year.

⁴ Figures for Dakota.

⁵ Included in returns for Indian Territory.

⁶ See North Dakota.

⁷ See note 8.

⁸ Included in returns for Maryland.

⁹ Excludes mileage as follows: For 1900, Alaska (21.80 miles); for 1910, Alaska (389.79 miles, unofficial) and Hawaii (175.10 miles); for 1916, Alaska (380.78 miles, unofficial) and Hawaii (256.33 miles, unofficial); for Dec. 31, 1917, Alaska (380.78 miles, unofficial) and Hawaii (242.25 miles).

¹⁰ On basis of 2,973,390 square miles, which covers "land surface" only and excludes Alaska and Hawaii.

¹¹ On basis of 103,972,266 population on Dec. 31, 1916, which is reached by adding to the population in 1910, 91,972,266 (excluding Alaska, Hawaii, and persons in the military and naval service stationed abroad), an estimated annual increase of 1,600,000 for each successive year.

RAILROADS.

No. 223.—RAILROADS: OPERATED MILEAGE AND ANNUAL INCREASE OF MILEAGE, 1838 TO 1917.¹

[Sources: Calendar years 1838 to 1889, Poor's Manual of Railroads; years ending June 30, 1890 to 1916 and calendar years 1916 and 1917, statistical reports of the Interstate Commerce Commission. No mileage included for Alaska or Hawaii. The term "mileage" signifies single-track mileage.]

Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.	Year.	Miles of line in operation.	Annual increase of mileage.
1838	1,913	416	1865	35,085	1,177	1892	175,691	3,656
1839	2,302	389	1866	38,801	1,716	1893	179,834	4,143
1840	2,818	516	1867	39,250	2,249	1894	182,733	2,869
1841	3,555	717	1868	42,229	2,979	1895	184,628	1,895
1842	4,026	491	1869	46,844	4,615	1896	186,681	2,058
1843	4,185	155	1870	52,922	6,078	1897	188,844	2,163
1844	4,377	192	1871	60,301	7,379	1898	190,870	2,026
1845	4,633	256	1872	66,171	5,870	1899	194,336	3,466
1846	4,930	297	1873	70,268	4,097	1900	198,964	4,623
1847	5,598	668	1874	72,385	2,117	1901	202,288	3,324
1848	5,996	398	1875	74,096	1,711	1902	207,258	4,965
1849	7,365	1,363	1876	76,808	2,712	1903	213,422	6,169
1850	9,021	1,650	1877	79,082	2,274	1904	220,112	6,690
1851	10,982	1,961	1878	81,747	2,665	1905	225,106	5,084
1852	12,908	1,926	1879	86,556	4,809	1906	230,761	5,565
1853	15,360	2,452	1880	98,262	6,711	1907	236,949	6,188
1854	16,720	1,360	1881	103,108	9,846	1908 ^a	240,846	.....
1855	18,874	1,654	1882	114,677	11,569	1909 ^a	244,084	3,238
1856	22,016	3,642	1883	121,422	6,745	1910 ^a	249,982	5,908
1857	24,503	2,487	1884	125,945	3,923	1911 ^a	254,732	4,740
1858	26,968	2,465	1885	128,820	2,975	1912 ^a	258,033	3,301
1859	28,789	1,821	1886	136,838	8,018	1913 ^a	261,036	3,003
1860	30,626	1,887	1887	149,214	12,876	1914 ^a	263,547	2,511
1861	31,286	660	1888	156,114	6,900	1915 ^a	264,378	831
1862	32,120	834	1889	161,276	5,162	1916 ^a	266,081	1,653
1863	33,170	1,050	1890	167,191	(3)	1918 ^a	266,381	350
1864	32,908	738	1891	172,036	4,844	1917 ^a	266,059	4,322

¹ For additional trackage, see following table.

^a See explanation of sources, etc., at head of table.

^b Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

^c Decrease.

No. 224.—RAILROADS: LENGTH OF SINGLE, SECOND, THIRD, AND FOURTH TRACKS, AND YARD TRACK AND SIDINGS, AND TOTAL MILEAGE OPERATED, 1896 TO 1917.¹

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended—	Single track.	Second track.	Third track.	Fourth track.	Yard track and sidings.	Total.
June 30:						
1896	181,982.64	10,685.16	990.45	764.15	44,717.73	239,140.18
1897	183,284.25	11,018.47	995.79	780.48	45,984.46	242,013.46
1898	184,648.26	11,293.25	1,009.65	793.57	47,589.09	245,333.82
1899	187,584.68	11,546.54	1,047.37	790.27	49,223.65	250,142.51
1900	192,556.08	12,151.48	1,094.48	829.29	52,153.02	258,784.30
1901	195,591.92	12,845.42	1,153.96	876.13	54,914.86	265,352.29
1902	200,154.56	15,720.72	1,204.04	895.11	58,220.93	274,195.36
1903	205,813.54	14,681.03	1,308.53	963.36	61,560.06	283,821.92
1904	212,243.20	15,824.04	1,467.14	1,046.50	66,492.46	297,073.34
1905	216,973.51	17,056.30	1,609.63	1,215.58	69,941.67	306,796.74
1906	222,340.80	17,936.25	1,766.07	1,279.66	73,760.91	317,088.19
1907	227,454.83	19,420.82	1,960.42	1,389.73	77,749.46	327,975.26
1908 ^a	230,492.02	20,209.05	2,081.16	1,408.99	79,452.64	333,645.86
1909 ^a	235,402.09	20,949.41	2,169.55	1,453.56	82,376.63	342,351.24
1910 ^a	240,880.75	21,658.74	2,206.39	1,488.78	86,581.93	361,766.59
1911 ^a	245,288.02	23,451.26	2,414.16	1,747.10	88,978.95	362,824.49
1912 ^a	249,852.06	24,951.65	2,511.76	1,908.32	92,019.13	371,237.92
1913 ^a	253,470.20	26,273.79	2,588.68	1,964.06	95,211.41	379,508.14
1914 ^a	256,547.10	27,608.66	2,696.03	2,071.45	98,285.07	387,208.31
1915 ^a	257,569.32	28,644.67	2,714.30	2,303.06	99,910.16	391,141.51
1916 ^a	258,210.86	28,035.21	2,730.62	2,198.34	101,869.23	394,944.26
Dec. 31:						
1916 ^a	259,705.18	29,414.28	2,721.27	2,189.78	102,983.81	397,014.32
1917 ^a	232,697.09	29,912.58	2,774.58	2,189.87	101,103.43	368,682.55

¹ Represents mileage covered by operating returns. (See Table 233.)

^a Excludes mileage of switching and terminal companies not segregated for years previous to 1908.

^b Excludes mileage of roads having operating revenues for the year below \$1,000,000, and of switching and terminal companies.

No. 225.—RAILROAD LOCOMOTIVES: NUMBER AND AVERAGE TRACTIVE POWER, GRATE AND HEATING SURFACE, AND WEIGHT OF EACH TYPE, 1907 TO 1917.¹

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended—	Type.	Number.	Average per locomotive.				
			Tractive power.	Grate surface.	Heating surface.	Weight exclusive of tender.	Weight on drivers.
June 30:			<i>Pounds.</i>	<i>Sq. feet.</i>	<i>Sq. feet.</i>	<i>Tons.</i>	<i>Tons.</i>
1907...	Single expansion.....	51,891	25,439	233	1,952	68	56
	4-cylinder compound.....	1,727	34,345	248	3,169	101	76
	2-cylinder compound.....	945	31,335	239	2,578	83	70
1908 ² ...	Single expansion.....	53,874	26,011	234	2,014	70	57
	4-cylinder compound.....	1,712	35,321	249	3,272	104	79
	2-cylinder compound.....	923	31,378	239	2,592	84	70
1909 ² ...	Single expansion.....	53,977	26,300	234	2,041	71	58
	4-cylinder compound.....	1,603	35,173	247	3,207	105	78
	2-cylinder compound.....	888	31,509	239	2,614	85	71
1910 ² ...	Single expansion.....	55,867	26,891	235	2,107	72	59
	4-cylinder compound.....	1,511	39,440	249	3,489	112	87
	2-cylinder compound.....	862	31,326	239	2,549	84	71
1911 ² ...	Single expansion.....	57,963	27,771	237	2,167	75	61
	4-cylinder compound.....	1,538	42,970	252	3,766	122	95
	2-cylinder compound.....	796	32,310	240	2,625	86	73
1912 ² ...	Single expansion.....	58,842	28,482	237	2,231	77	63
	4-cylinder compound.....	1,951	44,890	253	3,867	127	100
	2-cylinder compound.....	751	32,371	240	2,623	85	72
1913 ² ...	Single expansion.....	60,131	29,595	239	2,335	80	65
	4-cylinder compound.....	2,080	48,628	255	4,151	138	107
	2-cylinder compound.....	707	32,339	240	2,603	86	72
1914 ² ...	Single expansion.....	61,518	30,846	239	2,401	82	67
	4-cylinder compound.....	2,108	49,974	256	4,215	139	110
	2-cylinder compound.....	659	31,931	240	2,583	86	73
1915 ² ...	(Drivers 69 inches or less.....	49,049	32,797	.....	.....	71	
	Drivers more than 69 inches.....	6,440	27,788	.....	.....	65	
	Switching.....	8,361	27,030	.....	.....	64	
1916 ² ...	(Drivers 69 inches or less.....	47,836	33,820	.....	.....	74	
	Drivers more than 69 inches.....	6,430	28,063	.....	.....	66	
	Switching.....	8,397	27,802	.....	.....	65	
Dec. 31:	(Drivers 69 inches or less.....	47,859	34,877	.....	.....	75	
1916 ² ...	Drivers more than 69 inches.....	6,532	28,319	.....	.....	66	
	Switching.....	8,430	27,988	.....	.....	66	
1917 ²...	.....	61,533	33,932	.....	.....	.....

¹ Data for this table are lacking for some locomotives.

² Basis excludes oil-burning locomotives.

³ Excludes locomotives in the service of switching and terminal companies.

⁴ Excludes locomotives in the service of so-called small roads (having operating revenues below \$100,000 for the year) and in the service of switching and terminal companies.

⁵ Excludes locomotives in the service of roads having operating revenues for the year below \$1,000,-000 and in the service of switching and terminal companies.

No. 226.—RAILROAD CARS: NUMBER IN SERVICE FISCAL YEARS ENDED JUNE 30, 1903 TO 1916, AND CALENDAR YEARS ENDED DEC. 31, 1916 AND 1917, BY CLASSES OF SERVICE.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended—	Service.				Fast freight line service.
	Passenger.	Freight.	Company.	Total.	
June 30:					
1903.....	38,140	1,653,782	61,467	1,753,389	34,579
1904.....	39,752	1,692,194	66,615	1,798,561	37,937
1905.....	40,713	1,731,409	70,749	1,842,871	33,857
1906.....	42,202	1,837,914	78,736	1,958,912	32,168
1907.....	43,973	1,991,557	91,064	2,126,594	32,092
1908 ¹	45,117	2,089,302	96,762	2,231,181	30,967
1909 ¹	45,584	2,073,606	99,090	2,218,280	29,856
1910 ¹	47,095	2,135,121	108,115	2,290,331	29,209
1911 ¹	49,818	2,195,511	114,006	2,359,335	28,338
1912 ¹	51,490	2,215,549	115,635	2,382,674	27,876
1913 ²	51,700	2,273,564	120,244	2,445,508	28,525
1914 ²	53,466	2,325,647	124,709	2,503,822	29,149
1915 ¹	55,705	2,356,338	95,934	2,507,977	20,914
1916 ¹	54,664	2,326,987	96,508	2,478,150	19,861
Dec. 31:					
1916 ¹	55,081	2,342,699	99,665	2,497,445	17,826
1907 ¹	55,823	2,391,165	102,375	2,549,363	18,153

¹ Excludes cars in the service of switching and terminal companies.

² Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

No. 227.—RAILROAD FREIGHT CARS: NUMBER AND AVERAGE CAPACITY OF EACH CLASS, ON JUNE 30, 1911 TO 1916, AND ON DEC. 31, 1916 AND 1917.¹

[Source: Statistical reports of the Interstate Commerce Commission.]

Class of car.	1911:			1912:			1913: ²			1914: ³			1915			1916			1917 ⁴		
	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	Number.	Aver- age ca- pacity.	
Box	980,313	34	1,004,005	34	1,032,585	34	1,043,796	35	1,041,692	35	1,025,051	36	1,032,452	36	1,040,818	Tons.	Tons.	Tons.	Tons.		
Flat	153,300	33	150,840	34	147,541	35	146,183	36	146,336	36	137,813	36.5	134,652	36.7	114,234						
Steel	77,590	30	76,553	31	78,308	31	82,971	31	86,326	32.0	83,499	32.2	83,948	32.3	85,188						
Coal	383,699	42	385,111	43	371,339	44	389,314	45	919,637	45.9	910,000	47.0	919,115	47.6	916,219						
Tank	7,757	39	7,886	40	8,216	40	8,530	40	10,164	39.0	10,619	39.3	10,691	39.5	9,002						
Refrigerator	31,786	30	30,693	31	43,389	31	48,886	32	52,446	32.1	51,749	32.3	51,304	32.4	51,909						
Other	80,856	39	90,219	40	91,911	41	96,017	42	93,955	42.2	94,569	43.2	96,944	43.7	84,457						
Total.	2,195,331	37	2,215,239	37	2,273,289	38	2,325,647	39	2,341,556	39.7	2,313,300	40.5	2,329,221	40.8	2,301,947						

¹ Data for this table are lacking for some cars included in the preceding table.

² Excludes cars in the service of switching and terminal companies.

³ Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

⁴ Excludes returns for roads having operating revenues below \$1,000,000 for the year and returns for switching and terminal companies.

RAILROADS.

No. 228.—TRAFFIC ON RAILROADS: ANALYSIS OF STATISTICS OF PASSENGER AND FREIGHT SERVICES, YEARS ENDED JUNE 30, 1890, 1895,
1900, 1905, 1910, AND 1914 TO 1916, AND THE CALENDAR YEARS 1916 AND 1917.

[Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Item.	1890	1895	1900	1905	1910 ¹	1914 ²	1915 ²	1916 ²	1917 ³
Number of passengers reported as carried.	492,430,805	507,421,362	576,831,251	738,834,607	971,683,190	1,063,138,718	976,303,602	1,065,683,174	1,039,012,308
Passengers carried 1 mile.	11,847,785,617	12,158,446,271	16,058,076,260	23,800,149,436	32,335,496,329	35,258,487,509	32,354,217,508	34,213,508	35,121,675,509
Tons carried.	76,751	68,572	88,290	109,949	138,169	144,278	181,165	137,818	141,305
Number of tons reported as carried, excluding tonnage received from connecting roads and other carriers. ⁴	631,749,636	686,614,778	1,081,985,301	1,427,731,905	1,849,900,101	1,976,138,155	1,802,018,177	2,225,943,388	2,316,088,884
Tons carried 1 mile.	77,207,047,285	85,622,515,891	141,996,355,461	186,463,109,510	235,016,910,744	1,109,271,040	1,005,928,748	1,289,704,936	1,293,090,623
Tons carried 1 mile per mile of line.	285,493,638	479,900	735,352	861,336	1,071,086	1,176,923	1,121,059	1,324,771,344	1,369,937,443
Mileage of revenue passenger trains.	285,575,804	317,565,615	363,469,596	459,527,029	549,615,003	602,388,660	577,633,888	586,611,300	592,829,813
Average number of passengers per train ⁵ .	41	38	41	48	56	56	53	55	56
Average journey per passenger, miles.	24.06	27.80	32.21	33.61	33.18	34.02	33.80	33.80	37.01
Mileage of revenue freight trains.	7,455,170,812	7,449,170,338	492,545,926	546,424,405	635,923,249	550,385,585	606,900,357	630,507,021	631,187,860
Average number of tons in train ⁶ .	177,42	189,09	270,86	322,20	380,38	451,80	474,45	534,95	550,15
Average haul per ton.									597,29
Total haul of the average rail-way miles.	122,21	124,13	130,87	130,80	138,31	146,04	153,79	154,20	157,98
Typical haul of all the rail-ways regarded as a system, miles.									173.77
Mileage of revenue mixed trains.			242,73	237,56	249,65	280,19	275,80	276,88	282,99
Total revenue train mileage.			30,691,508	32,189,936	35,807,207	32,565,313	36,629,942	34,912,617	34,739,068
Total mileage of freight cars.			12,476,705	15,082,070	17,763,181	18,981,673	19,732,070	20,605,813	21,184,23,248,375,845

¹ Excludes returns for switching and terminal companies.

² Excludes returns for so-called small roads having operating revenues below \$100,000 for the year and returns for switching and terminal companies.

³ Excludes returns for roads having operating revenues below \$1,000,000 for the year and returns for switching and terminal companies.

⁴ Figures include all unclassified tonnage.

⁵ Includes 25 per cent.

⁶ For years 1890 and 1895, 25 per cent of the total mileage of revenue mixed trains.

Subsequent years the total mixed-train mileage was apportioned to passenger-train mileage and with freight-train mileage.

⁷ Includes 25 per cent of the total mileage of revenue mixed trains.

⁸ Includes a small amount of unclassified train mileage; also a small amount of special-train mileage not separately reported prior to 1909.

⁹ Includes a small amount of special-train mileage not separately reported prior to 1909.

No. 229.—FINANCES OF RAILROADS; ANALYSIS OF STATISTICS OF RECEIPTS FROM PASSENGER AND FREIGHT SERVICES, 1897 TO 1917.
 [Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

Year ended—	Freight service.						All trains.		
	Revenue per passenger per mile.	Revenue per train-mile, passenger trains. ¹	Pasenger earnings per mile of road. ²	Revenue per ton per mile.	Revenue per ton of freight carried.	Revenue per train-mile, freight trains. ¹	Freight earnings per mile of road. ²	Revenues per train-mile.	Operating expenses per train-mile.
June 30:									
1897.....									
0.51163	0.2022	Dollars.	Dollars.	Cents.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1.973	.53237	0.03017	1,726.40	0.738	1,653.58	4,239.64	1,351.94	0.923018	
1.975	.53116	.37419	1,812.69	.753	1,02861	1,79112	1,454.49	1.45449	.96635
1898.....									
1.975	2.003	.56459	1,01615	1,927.94	.724	.98533	1,79005	4,805.69	1.04356
1899.....									
2.013	.57341	1.01075	2,067.17	.729	.99373	2,00042	5,406.47	1.65721	1.07288
1900.....									
1.986	1.986	1.02721	2,218.70	.750	1.05116	2,18212	5,304.08	1.72938	1.12292
1901.....									
2.006	2.006	1.08531	2,389.97	.757	1.08219	2,27093	6,113.58	1.82350	1.17960
1902.....									
2.006	2.006	.60720	1,11644	.763	1.05158	2,48967	6,629.78	1.91380	1.26604
1903.....									
2.006	2.006	.61746	1,14135	.750	1.07251	2,42708	6,571.76	1.93860	1.31375
1904.....									
1.982	1.982	.63985	1.15954	.642.37	.766	1.03588	2,40689	6,721.28	1.97806
1905.....									
2.008	2.008	.63895	1.20338	.588.72	.748	1.03594	2,60804	7,646.42	2.07547
1906.....									
2.014	2.014	.64600	1.25805	.302.14	.759	1.05458	2,74023	8,122.86	2.17741
1907.....									
1.987	1.987	.63394	1.27073	.3,043.00	.754	1.07760	2,65307	7,259.00	2.11269
1908.....									
1.928	1.928	.63053	1.26858	2,979.00	.753	1.07565	2,70460	7,184.00	2.16789
1909.....									
1.938	1.938	.64617	1.30396	3,228.00	.753	1.03932	2,86218	\$,089.00	2.46228
1910.....									
1.974	1.974	.65789	1.30921	3,312.00	.757	1.07944	2,88548	7,895.00	2.24824
1911.....									
1.987	1.987	.65877	1.29142	3,301.00	.744	1.06605	3,02284	7,962.00	2.29250
1912.....									
2.008	2.008	.67226	1.35655	3,506.00	.729	1.06739	3,24347	9,048.00	2.45857
1913.....									
1.982	1.982	.66406	1.34496	3,476.00	.733	1.06938	3,30845	8,396.00	2.45024
1914.....									
1.985	1.985	.65351	1.30855	3,229.00	.732	1.12465	3,46935	8,182.00	2.51895
1915.....									
2.006	2.006	.68242	1.38619	3,479.00	.716	1.10346	3,82828	9,863.00	2.8074
1916.....									
2.046	2.046	.69170	1.44224	3,637.00	.715	1.13001	3,95433	10,501.00	2.90561
Dec. 31:									
1917.....									
2.030	2.030	.77342	1.69453	4,415.00	.715	1,24218	4,26963	12,144.00	3,28475

¹ See note 6, p. 331.² For years subsequent to 1900, computed on the basis of average mileage operated.³ See note 1, p. 331.⁴ See note 2, p. 331.⁵ See Note 3, p. 331.⁶ See Note 3, p. 331.

No. 230.—FINANCES OF RAILROADS: COMMON AND PREFERRED STOCK AND BONDS AND OTHER OBLIGATIONS OUTSTANDING,
1902 TO 1917.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended—	Stock.			Bonds.			Funded debt.		Total railway capital.
	Common.	Preferred.	Total.		Bonds.	Miscellaneous obligations.	Income bonds.	Equipment trust obligations.	
June 30:	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1902.....	4,722,056,120	1,322,145,175	6,024,201,295	5,213,421,911	564,794,588	242,556,745	89,208,425	6,109,381,669	12,134,182,964
1903.....	4,876,961,012	1,278,598,020	6,155,559,032	5,426,730,154	640,704,135	234,016,821	142,980,116	6,444,131,694	12,599,990,258
1904.....	5,050,529,469	1,289,369,860	6,339,899,329	5,746,898,938	728,114,687	228,876,687	173,334,694	6,873,225,350	13,213,124,679
1905.....	5,180,933,907	1,373,623,144	6,554,557,051	6,024,449,023	736,241,442	253,707,689	185,302,906	7,250,701,070	13,805,258,131
1906.....	5,403,001,962	1,400,578,131	6,803,780,093	6,286,770,962	973,647,924	301,523,400	224,719,093	7,766,161,385	14,570,421,478
1907.....	5,982,948,772	1,423,912,919	7,356,861,691	6,472,839,323	1,616,427,904	306,244,476	329,773,289	8,725,284,992	11,062,146,683
1908 ^a	5,910,351,430	1,462,360,883	7,373,212,323	6,610,158,953	2,180,965,753	258,584,016	344,562,782	9,394,332,504	16,767,544,527
1909 ^a	6,218,382,485	1,467,398,050	7,686,278,545	6,942,012,066	2,267,211,732	284,497,531	307,869,061	9,801,590,380	11,747,487,868,385
1910 ^a	6,710,663,538	1,403,488,832	8,113,657,380	7,408,183,482	2,250,998,522	290,951,276	353,341,573	10,308,474,888	18,417,132,288
1911 ^a	7,074,917,534	1,395,800,000	7,855,717,611	7,470,569,077	2,331,574,998	261,777,220	319,596,749	10,738,217,470	19,298,935,081
1912 ^a	7,248,749,515	1,373,651,306	8,622,400,821	8,015,943,172	2,530,076,384	267,371,927	316,143,410	11,130,135,443	19,732,536,264
1913 ^a	7,231,515,045	1,379,096,282	8,610,611,327	8,186,366,426	2,379,571,354	250,290,655	369,285,450	11,185,514,335	19,796,125,712
1914 ^a	7,304,479,846	1,376,279,588	8,689,759,704	8,496,370,538	2,397,400,240	254,230,505	418,540,270	11,566,541,553	19,30,247,301,257
1915 ^a	7,589,987,801	1,394,956,920	8,994,884,721	9,047,182,743	2,434,532,305	247,359,856	403,988,948	12,133,064,357	21,127,959,078
Dec. 31:									
1916 ^a	7,602,923,972	1,455,758,761	9,058,632,733	9,254,546,150	2,120,698,373	283,277,570	374,867,419	12,033,389,512	21,092,072,245
1917 ^a , 16.....	7,563,731,500	1,455,141,559	9,048,573,059	9,176,656,024	2,094,351,413	359,645,188	369,782,898	12,000,435,523	21,049,306,582
	7,454,610,000	1,847,920,981	9,302,530,981	9,227,377,056	1,975,940,206	352,156,155	391,352,754	11,946,326,210	21,249,357,241

¹ Includes \$15,321,601 assigned to other than railway property.

² Excludes data of switching and terminal companies not segregated for years previous to 1908.

³ Includes \$206,235,937, assigned to other than railway property.

⁴ Includes \$202,434,630, assigned to other than railway property.

⁵ Includes \$36,663,308, assigned to other than railway property.

⁶ Includes \$35,775,324, assigned to other than railway property.

⁷ Includes \$35,775,324, assigned to other than railway property.

⁸ Excludes returns of so-called small roads having operating revenues below \$100,000 for the year and their nonoperating subsidiaries; also returns for switching and terminal companies.

⁹ Includes \$36,322,325, assigned to "Other properties"; \$948,639,876, held by or for issuing companies; and \$47,703,555, receipts outstanding for installments paid.

¹⁰ Includes \$206,085, receipts outstanding for funded debt.

¹¹ Excludes returns for switching and terminal companies.

¹² Includes \$38,345, receipts outstanding for installments paid on stock, and \$300,025, receipts outstanding for funded debt.

¹³ Includes \$28,710, receipts outstanding for installments paid on stock, and \$266,085, receipts outstanding for funded debt.

¹⁴ Includes \$893,225, receipts outstanding for installments paid on stock, and \$253,535, receipts outstanding for funded debt.

¹⁵ Includes \$2,661,097, receipts outstanding for installments paid on stock, and \$250,035, receipts outstanding for funded debt.

No. 231.—FINANCES OF RAILROADS: DIVIDENDS ON CAPITAL STOCK AND INTEREST ON FUNDED DEBT, 1897 TO 1917.

[Source: Statistical reports of the Interstate Commerce Commission.]

Year ended—	Stock paying dividends.			Interest on uninterest-bearing current liabilities.	Interest on debt and in- terest paid.	Total of divi- dends and in- terest paid.
	Amount.	Proportion of total.	Amount paid in dividends. Dollars.		Dollars.	
June 30:						
1897	1,003,540,978	29.90	\$7,110,569	247,880,230	334,900,520	7,844,366
1898	1,818,113,082	33.74	5,43	246,275,580	7,073,953	
1899	2,239,502,545	40.61	5,20	246,691	7,102,847	
1900	2,688,069,885	45.66	4,96	251,158,057	362,167,909	
1901	2,977,575,179	51.27	5,23	253,949,616	332,547,588	
1902	3,337,644,081	55.40	5,55	262,004,838	4,932,892	
1903	3,450,737,869	56.06	5,70	274,421,555	5,526,572	
1904	3,645,427,319	57.47	6,00	283,985,124	9,080,645	
1905	4,119,086,714	62.84	5,78	287,674,738	13,945,039	
1906	4,526,958,750	65.54	6,03	310,631,802	11,451,400	
1907	4,948,756,203	67.27	6,23	322,555,934	11,653,076	
1908	4,843,370,740	65.69	8,07	334,222,617	16,671,352	
1909	4,920,174,118	64.01	6,58	368,295,579	31,335,440	
1910	5,412,578,457	66.71	7,50	382,675,101	73,746,727	
1911	5,730,250,326	67.65	8,03	405,771,416	24,226,066	
1912	5,581,289,249	64.73	7,17	400,315,313	805,353,472	
1913	5,780,882,416	66.14	6,37	365,071,546	16,536,696	
1914	5,667,072,956	64.39	7,97	2,454,762,700	4,311,104,260	
1915	5,219,846,582	60.45	6,29	328,477,938	2,465,972,506	
1916	5,279,427,954	60.38	6,48	342,169,396	34,546,454	
Dec. 31:						
1916 ¹	5,430,128,235	62.02	6,75	481,435,525	847,987,019	
1917 ¹	5,610,774,033	63.32	6,81	305,438	19,800,528	
					875,156,986	15,704,857

¹ Excludes data of switching and terminal companies not segregated for years previous to 1908.² Excludes interest paid by so-called small roads (having operating revenues below \$100,000 for the year) and switching and terminal companies.³ Includes only interest paid by operating roads (except switching and terminal companies) having operating revenues above \$1,000,000 for the year.

No. 232.—FINANCES OF RAILROADS UNDER SPECIFIED HEADINGS: FISCAL YEAR ENDED JUNE 30, 1916, AND CALENDAR YEARS 1916 AND 1917.

[Source: Statistical reports of the Interstate Commerce Commission.]

ANALYSIS OF OPERATING REVENUES.

Item.	June 30, 1916. ¹		Dec. 31, 1916. ¹		Dec. 31, 1917. ²	
	Amount. ³	Proportion to total.	Amount. ⁴	Proportion to total.	Amount.	Proportion to total.
Freight.....	<i>Dollars.</i> 2,469,026,921	<i>Per ct.</i> 71.10	<i>Dollars.</i> 2,631,091,957	<i>Per ct.</i> 71.28	<i>Dollars.</i> 2,819,965,215	<i>Per ct.</i> 70.25
Passenger.....	689,626,943	19.86	722,350,371	19.57	825,211,598	20.56
Excess baggage.....	6,381,792	.19	6,172,651	.17	6,234,382	.15
Sleeping car.....	2,919,881	.08	2,896,348	.08	2,848,710	.07
Parlor and chair car.....	1,344,045	.04	1,378,391	.04	1,508,827	.04
Mail.....	61,477,813	1.77	62,559,984	1.69	58,775,765	1.46
Express.....	82,091,535	2.38	91,495,490	2.48	106,914,003	2.66
Other passenger train.....	5,801,491	.17	5,986,026	.16	7,120,499	.18
Milk.....	15,907,870	.46	16,567,307	.45	16,759,174	.42
Switching.....	38,602,082	1.11	41,089,712	1.11	41,421,149	1.03
All other rail-line revenue.....	7,661,885	.22	7,993,900	.22	9,008,435	.23
Total rail-line transportation revenue.....	3,380,842,258	97.36	3,589,591,137	97.25	3,895,768,152	97.05
Total water-line transportation revenue.....	15,471,631	.45	16,913,831	.46	14,968,060	.37
Total incidental operating revenue.	74,065,656	2.13	82,087,896	2.22	100,583,698	2.51
Joint facility—Cr.....	3,647,293	.10	3,904,006	.11	4,381,795	.11
Joint facility—Dr.....	5,1384,897	.04	6,1,431,653	.04	6,1,558,957	.04
Total.....	3,472,641,941	100.00	3,691,065,217	100.00	4,014,142,748	100.00

ANALYSIS OF OPERATING EXPENSES.

Total maintenance of way and structures.....	421,500,898	6 18.51	439,195,062	7 18.10	442,109,862	15.63
Total maintenance of equipment.....	570,326,407	6 25.05	609,105,045	7 25.10	685,428,918	24.22
Total traffic.....	62,203,097	6 2.73	64,502,123	7 2.66	64,985,070	2.30
Total transportation—rail-line.....	1,110,225,460	6 48.75	1,194,918,669	7 49.25	1,506,544,964	53.25
Total transportation—water line.....	9,979,422	6 .44	10,182,124	7 .42	9,443,915	.33
Total miscellaneous operations.....	25,473,952	6 1.12	27,044,193	7 1.12	33,437,644	1.18
Total general expenses.....	83,962,660	6 3.69	89,247,110	7 3.08	95,933,290	3.39
Transportation for investment—Cr.....	6,494,951	6 .29	8,082,425	6 .33	8,558,535	.30
Total.....	82,277,202,278	7 100.00	92,426,250,521	7 100.00	2,829,325,123	100.00

¹ Does not include data for switching and terminal companies.

² Excludes returns for roads having operating revenues below \$1,000,000 for the year and returns for switching and terminal companies.

³ Represents 257,511.82 miles (average mileage operated during the year).

⁴ Represents 257,324.61 miles (average mileage operated during the year).

⁵ Reverse entry.

⁶ Based on \$2,277,176,495 which excludes \$25,333 unclassified.

⁷ Based on \$2,426,111,901, which excludes \$138,620 unclassified.

⁸ Includes \$25,333 unclassified.

⁹ Includes \$138,620 unclassified.

NO. 233.—FREIGHT TRAFFIC MOVEMENT ON RAILROADS: SUMMARY, YEARS ENDED JUNE 30, 1910 TO 1915, AND CALENDAR YEARS 1916 AND 1917, BY LEADING COMMODITIES.

Source: Statistical reports of the Interstate Commerce Commission. The term "ton" generally signifies the short ton of 2,000 pounds.]

RAILROADS.

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Stone, sand, and other like articles.	98,861,001	95,352,582	103,293,371	130,496,192	125,850,740	119,075,306	150,230,514	102,451,443	34,848,376	137,329,519
Other products of mines.....	22,483,269	20,848,929	20,031,710	25,639,154	26,868,601	26,005,022	36,738,259	15,334,503	19,924,454	36,259,047
Total	912,065,847	969,212,946	1,069,867,548	1,063,447,589	951,040,596	1,235,839,105	732,652,519	452,672,371	1,215,324,590	
Products of forests:										
Lumber	135,677,828	125,185,647	125,350,682	152,065,216	145,464,354	123,122,328	161,173,742	71,679,794	89,320,318	161,000,112
Other products of forests.....	57,561,905	61,770,233	51,071,833	51,550,278	53,996,912	48,612,961	49,426,631	29,158,402	13,207,665	42,366,067
Total	193,239,733	188,955,880	176,422,525	203,615,494	199,461,266	171,735,289	210,800,373	100,888,196	102,527,933	203,366,179
Manufactures:										
Petroleum and other oils.....	16,531,174	17,596,449	20,677,785	23,536,256	23,660,871	26,236,369	36,905,171	20,514,897	22,992,551	43,507,445
Sugar	7,625,371	6,923,808	7,754,719	8,429,702	9,354,197	9,358,343	11,215,242	4,225,353	7,459,300	11,725,153
Naval stores	1,743,122	1,553,271	1,783,114	1,689,128	1,725,097	1,537,205	2,094,603	1,141,653	872,570	2,014,223
Iron, pig and bloom.....	29,963,137	22,713,623	24,053,768	29,613,282	23,336,043	18,391,787	40,377,071	21,289,656	19,111,369	40,401,025
Iron and steel rails.....	9,378,658	8,920,556	7,983,842	10,615,984	7,414,519	4,811,458	9,349,366	4,137,748	5,381,323	9,519,066
Other castings and machinery.....	27,274,820	23,052,502	23,843,074	30,951,697	26,540,896	21,139,593	35,680,675	15,731,004	19,376,931	35,108,025
Bar and sheet metal.....	34,074,515	29,899,867	31,227,138	37,315,634	30,560,443	26,877,408	44,931,449	22,377,021	25,081,216	47,458,237
Cement, brick, and lime.....	55,926,450	61,082,645	62,187,497	73,239,287	71,644,540	65,245,309	82,281,781	41,767,442	29,727,246	71,494,688
Agricultural implements.....	3,249,071	3,264,759	3,399,214	3,865,145	3,526,385	2,645,044	3,444,975	1,881,421	1,905,834	3,787,255
Wagons, carriages, tools, etc	3,223,308	3,008,857	3,914,832	3,852,949	3,958,499	4,124,543	8,086,014	3,882,452	5,497,155	9,329,587
Wines, liquors, and beers.....	6,785,150	6,829,700	7,068,924	7,888,107	7,771,970	6,635,184	7,847,976	4,051,876	3,479,547	7,531,423
Household goods and furniture.....	4,081,175	3,820,113	4,198,706	4,722,233	4,804,657	4,027,005	5,196,386	2,301,318	2,656,389	4,957,707
Other manufactures.....	76,170,549	79,110,164	82,678,331	89,100,195	86,505,185	78,397,932	105,841,738	49,769,262	55,953,589	105,722,551
Total	278,157,500	267,776,384	279,770,944	324,789,599	300,804,202	972,486,240	393,151,520	193,031,168	199,525,520	302,556,088
Merchandise.....	61,234,757	60,976,778	67,377,804	77,971,985	70,359,182	453,605,587	482,762,994	4,47,237,813	4,47,142,492	4,94,350,305
Miscellaneous—Other commodities.....	71,600,523	73,097,558	70,887,892	74,920,823	70,593,664	581,274,512	696,727,850	653,768,625	638,100,731	691,859,356
Grand total ⁶	1,745,324,328	1,718,014,118	1,786,071,068	2,029,639,904	1,949,707,999	1,797,311,907	2,313,321,885	1,284,015,725	1,006,019,328	2,270,035,053

¹ Excludes traffic movement of switching and terminal companies.² Excludes traffic movement of small roads (having operating revenues below \$10,000,000 for the year) and of switching and terminal companies.³ Excludes freight not classified, as follows: 1910, 104,575,273 tons; 1911, 65,623,836 tons; 1912, 58,906,607 tons; 1913, 28,405,583 tons; 1914, 26,430,156 tons; 1915, 4,706,270 tons; 1916, 2,972,723 tons.⁴ Represents "Miscellaneous commodities not specified above (carload rates)."⁵ Represents "L. C. L. goods not distributed."⁶ Excludes freight not classified, as follows: 1910, 104,575,273 tons; 1911, 65,623,836 tons; 1912, 58,906,607 tons; 1913, 28,405,583 tons; 1914, 26,430,156 tons; 1915, 4,706,270 tons; 1916, 2,972,723 tons.

RAILROADS.

No. 234.—TAXES AND ASSESSMENTS OF RAILROADS: TOTAL AMOUNT AND AMOUNT PER MILE OF LINE, YEARS ENDED JUNE 30, 1911 TO 1916, AND CALENDAR YEARS 1916 AND 1917, BY STATES.

[Source: Statistical reports of the Interstate Commerce Commission.]

State.	1911 ¹			1912 ¹			1913 ²			1914 ²			1915 ²			1916 ²			1917 ³		
	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.	Amount.	Per mile of line.		
Alabama	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.			
1,520,686	317	1,619,874	336	1,559,185	279	884,873	418	1,133,451	322	1,755,382	357	1,656,889	342	1,700,415	339	1,750,884	349	1,807,574			
Arizona	454,463	209	575,226	306	1,740,233	365	1,703,586	419	2,015,588	525	1,168,980	532	1,397,457	627	1,340,887	601	1,280,470	621			
Arkansas	1,490,864	306	1,740,233	524	4,173,318	558	4,230,926	571	4,925,559	646	2,047,248	465	2,168,938	490	2,248,034	510	1,767,005	431			
California	3,621,052	1,786,000	326	1,831,933	327	1,847,848	339	2,020,619	372	2,115,660	383	2,368,277	436	2,451,233	675	5,159,606	780				
Colorado	1,409,108	1,407	1,227,019	1,226	1,115,007	1,114	1,035,886	1,017	750,901	759	972,740	975	1,113,952	1,116	1,249,410	451	2,249,410	446			
Connecticut	150,031	388	161,354	452	148,946	445	149,402	446	156,333	467	132,573	396	153,079	*457	151,202	451					
Delaware	54,714	1,521	54,292	1,509	56,742	1,659	57,394	1,673	62,186	1,816	59,387	1,704	64,124	1,823	58,271	1,887					
Dist. Columbia	886,771	212	991,023	224	1,083,651	257	1,207,574	281	1,215,752	276	1,515,490	335	1,571,571	345	1,579,459	407					
Florida	1,458,775	218	1,689,237	247	1,721,666	263	1,820,401	277	1,754,736	287	1,927,529	291	1,957,319	296	1,943,870	383					
Georgia	755,651	337	1,385,779	651	1,434,985	584	1,738,925	662	1,442,006	549	1,631,536	615	1,475,327	540	1,848,450	727					
Idaho	5,976,477	501	6,235,118	532	6,865,113	575	8,077,545	675	8,287,666	691	8,093,096	717	9,049,050	760	10,289,495	893					
Illinois	4,145,568	562	4,193,485	589	4,586,007	624	4,830,652	670	5,196,470	717	5,476,759	755	5,802,652	796	5,821,782	824					
Indiana	2,680,145	269	2,739,794	280	2,830,763	294	3,283,344	337	3,586,187	384	3,775,291	386	3,870,681	396	3,985,173	410					
Iowa	2,887,915	316	3,480,893	387	3,401,988	380	3,593,097	396	3,825,908	421	4,022,138	441	4,197,564	449	4,142,732	576					
Kentucky	1,374,307	396	1,301,159	386	1,637,277	469	2,138,544	619	1,812,116	513	1,860,484	522	2,017,931	573	2,124,030	615					
Louisiana	1,324,555	265	1,444,817	283	1,486,000	230	1,778,823	381	1,948,905	412	1,990,812	427	2,234,916	479	2,440,677	622					
Maine	750,129	345	937,239	417	971,889	455	1,060,336	496	1,697,785	510	1,071,383	498	1,025,683	476	1,144,191	558					
Maryland	1,041,519	754	884,929	641	951,652	738	983,484	732	1,078,874	797	1,149,462	845	1,211,129	888	1,228,921	981					
Massachusetts	3,402,387	1,531	3,527,216	1,723	3,562,664	1,659	3,523,583	1,550	3,629,779	1,260	3,529,116	1,227	3,574,726	1,230	3,479,884	1,199					
Michigan	4,163,197	490	4,104,538	481	4,013,859	478	4,316,889	519	3,985,698	477	4,350,043	522	4,219,825	503	3,546,501	500					
Minnesota	3,744,265	425	3,909,891	441	4,808,295	543	5,396,777	605	4,900,761	550	6,027,684	665	6,444,706	710	6,082,183	710					
Mississippi	1,013,916	252	1,012,753	252	1,364,658	354	1,702,928	442	1,806,773	465	1,727,196	442	1,916,031	492	2,165,935	591					

Missouri.....	232	2,028,768	253	2,204,835	283	2,173,232	279	2,252,461	289	2,194,200	282	2,257,903	290	2,400,975	
Montana.....	1,634,809	385	1,723,405	405	1,874,409	428	2,119,912	445	2,226,213	463	2,502,694	539	2,750,697	533	2,850,135
Nebraska.....	2,182,954	390	2,299,668	375	2,324,355	378	2,504,551	420	2,626,086	426	2,685,558	437	2,704,459	459	3,064,630
Nevada.....	1,092,779	627	826,283	375	931,520	444	983,927	472	746,968	373	1,012,741	485	1,028,296	492	1,143,750
New Hampshire.....	708,217	572	751,443	607	862,257	691	809,313	649	751,121	602	696,062	559	746,161	600	695,736
New Jersey.....	5,148,553	2,335	7,985,637	3,146	6,523,429	3,187	6,604,781	3,066	6,759,603	3,110	5,792,764	3,537	5,655,741	3,458	8,249,565
New Mexico.....	560,874	192	680,909	233	970,915	337	1,276,641	443	1,068,576	369	1,151,537	414	1,159,213	423	1,635,239
New York.....	7,561,014	893	10,187,417	1,212	10,526,756	1,291	10,709,722	1,311	11,794,926	1,485	11,187,009	1,369	11,725,920	1,450	12,470,413
North Carolina.....	1,017,577	225	1,287,314	280	1,328,202	313	1,449,443	336	1,493,084	311	1,680,804	384	1,705,849	391	1,682,510
North Dakota.....	1,400,463	317	1,680,454	370	1,802,379	364	1,782,144	354	1,898,503	371	2,74,211	440	2,288,520	412	2,911,904
Ohio.....	6,144,151	680	7,006,516	774	7,801,153	872	9,235,373	1,032	8,711,531	972	9,701,513	1,071	10,618,161	1,179	11,330,351
Oklahoma.....	2,774,641	460	2,648,149	433	3,117,403	509	3,391,683	545	2,905,972	464	3,634,160	581	3,653,132	577	4,116,538
Oregon.....	830,462	360	1,461,162	608	1,479,983	599	1,730,265	683	1,430,208	558	1,688,936	621	1,491,512	580	1,738,098
Pennsylvania.....	7,491,403	639	7,092,339	647	8,489,875	810	8,824,388	821	8,491,931	785	8,678,961	800	9,987,027	917	8,984,950
Rhode Island.....	285,226	1,336	287,294	1,411	350,960	1,773	365,525	1,845	368,578	1,888	388,781	1,990	367,818	2,008	447,460
South Carolina.....	819,996	248	875,679	259	863,732	272	983,990	288	961,755	283	1,063,266	325	1,080,913	332	1,240,773
South Dakota.....	882,728	213	942,935	227	956,241	230	1,061,203	255	1,321,306	312	1,446,198	342	1,634,812	386	1,528,627
Tennessee.....	1,220,618	334	1,363,374	368	1,344,056	370	1,644,120	448	1,671,459	441	1,747,858	463	1,718,013	455	1,957,294
Texas.....	2,812,477	199	3,399,520	233	3,216,712	225	4,382,508	299	4,051,445	275	4,985,507	332	4,655,945	313	5,085,372
Utah.....	723,673	394	822,741	412	933,226	456	1,096,726	541	1,093,174	529	1,115,058	534	1,126,368	537	1,223,255
Vermont.....	280,217	273	293,873	286	386,888	395	409,224	509	508,707	519	491,207	501	490,729	502	404,407
Virginia.....	2,163,796	488	2,193,180	494	2,244,540	532	2,428,900	579	2,539,166	609	2,688,141	614	3,011,824	711	3,244,008
Washington.....	2,844,978	568	3,615,254	736	3,749,488	769	4,860,509	995	4,341,849	847	4,261,583	822	4,068,897	772	4,130,081
West Virginia.....	1,478,675	461	1,485,946	452	1,492,545	477	1,760,479	557	1,893,008	559	2,288,087	702	2,355,132	718	2,501,071
Wisconsin.....	3,306,656	456	3,588,427	482	3,855,833	644	4,387,545	619	4,768,492	671	5,119,048	720	4,967,702	637	5,023,659
Wyoming.....	631,534	395	614,301	376	655,993	403	789,340	448	742,162	405	855,081	465	900,958	490	1,205,486
Total 4.....	103,873,193	444	115,643,082	488	122,817,394	528	136,293,054	579	134,895,161	569	144,448,778	608	140,948,786	620	157,189,051
														710	

¹ Excludes taxes of switching and terminal companies.² Excludes taxes of so-called small roads (having operating revenues below \$100,000 for the year) and switching and terminal companies, and of their nonoperating subsidiaries.³ Includes only taxes or roads having operating revenues above \$100,000 for the year (except switching and terminal companies), and of their nonoperating subsidiaries.⁴ The figures exclude certain amounts of taxes not apportioned by States, as follows: 1911, \$5,027,406 (including \$4,870,776 assessed by the United States Government, chiefly as a special excise tax); 1912, \$5,026,600 (including \$4,841,746 assessed by the United States Government, chiefly as a special excise tax); 1913, \$5,108,453 (including \$4,983,215 assessed by the United States Government, chiefly as a special excise tax); 1914, \$4,961,4072 (including \$4,769,512 assessed by the United States Government, chiefly as a special excise tax); 1915, \$4,925,206 (including \$4,727,706 assessed by the United States Government, chiefly as a special excise tax); 1916, \$4,922,429 (including \$4,722,429 assessed by the United States Government, chiefly as a special excise tax); 1917, \$4,905,480 (including \$4,705,480 assessed by the United States Government, chiefly as a special excise tax); calendar year 1918, \$4,881,420 (including \$4,681,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1919, \$4,851,420 (including \$4,651,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1920, \$4,821,420 (including \$4,621,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1921, \$4,791,420 (including \$4,591,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1922, \$4,761,420 (including \$4,561,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1923, \$4,731,420 (including \$4,531,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1924, \$4,701,420 (including \$4,491,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1925, \$4,671,420 (including \$4,461,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1926, \$4,641,420 (including \$4,431,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1927, \$4,611,420 (including \$4,401,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1928, \$4,581,420 (including \$4,381,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1929, \$4,551,420 (including \$4,351,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1930, \$4,521,420 (including \$4,321,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1931, \$4,491,420 (including \$4,291,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1932, \$4,461,420 (including \$4,261,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1933, \$4,431,420 (including \$4,231,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1934, \$4,401,420 (including \$4,191,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1935, \$4,371,420 (including \$4,161,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1936, \$4,341,420 (including \$4,131,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1937, \$4,311,420 (including \$4,081,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1938, \$4,281,420 (including \$4,031,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1939, \$4,251,420 (including \$3,981,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1940, \$4,221,420 (including \$3,931,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1941, \$4,191,420 (including \$3,881,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1942, \$4,161,420 (including \$3,831,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1943, \$4,131,420 (including \$3,781,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1944, \$4,101,420 (including \$3,731,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1945, \$4,071,420 (including \$3,681,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1946, \$4,041,420 (including \$3,631,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1947, \$4,011,420 (including \$3,581,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1948, \$3,981,420 (including \$3,551,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1949, \$3,951,420 (including \$3,521,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1950, \$3,921,420 (including \$3,491,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1951, \$3,891,420 (including \$3,461,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1952, \$3,861,420 (including \$3,431,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1953, \$3,831,420 (including \$3,401,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1954, \$3,801,420 (including \$3,371,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1955, \$3,771,420 (including \$3,341,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1956, \$3,741,420 (including \$3,311,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1957, \$3,711,420 (including \$3,281,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1958, \$3,681,420 (including \$3,251,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1959, \$3,651,420 (including \$3,221,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1960, \$3,621,420 (including \$3,191,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1961, \$3,591,420 (including \$3,161,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1962, \$3,561,420 (including \$3,131,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1963, \$3,531,420 (including \$3,101,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1964, \$3,501,420 (including \$3,071,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1965, \$3,471,420 (including \$3,041,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1966, \$3,441,420 (including \$3,011,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1967, \$3,411,420 (including \$2,981,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1968, \$3,381,420 (including \$2,951,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1969, \$3,351,420 (including \$2,921,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1970, \$3,321,420 (including \$2,891,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1971, \$3,291,420 (including \$2,861,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1972, \$3,261,420 (including \$2,831,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1973, \$3,231,420 (including \$2,801,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1974, \$3,201,420 (including \$2,771,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1975, \$3,171,420 (including \$2,741,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1976, \$3,141,420 (including \$2,711,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1977, \$3,111,420 (including \$2,681,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1978, \$3,081,420 (including \$2,651,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1979, \$3,051,420 (including \$2,621,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1980, \$3,021,420 (including \$2,591,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1981, \$3,011,420 (including \$2,581,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1982, \$3,001,420 (including \$2,571,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1983, \$2,991,420 (including \$2,561,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1984, \$2,981,420 (including \$2,551,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1985, \$2,971,420 (including \$2,541,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1986, \$2,961,420 (including \$2,531,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1987, \$2,951,420 (including \$2,521,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1988, \$2,941,420 (including \$2,511,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1989, \$2,931,420 (including \$2,501,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1990, \$2,921,420 (including \$2,491,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1991, \$2,911,420 (including \$2,481,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1992, \$2,901,420 (including \$2,471,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1993, \$2,891,420 (including \$2,461,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1994, \$2,881,420 (including \$2,451,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1995, \$2,871,420 (including \$2,441,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1996, \$2,861,420 (including \$2,431,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1997, \$2,851,420 (including \$2,421,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1998, \$2,841,420 (including \$2,411,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 1999, \$2,831,420 (including \$2,401,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2000, \$2,821,420 (including \$2,391,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2001, \$2,811,420 (including \$2,381,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2002, \$2,801,420 (including \$2,371,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2003, \$2,791,420 (including \$2,361,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2004, \$2,781,420 (including \$2,351,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2005, \$2,771,420 (including \$2,341,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2006, \$2,761,420 (including \$2,331,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2007, \$2,751,420 (including \$2,321,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2008, \$2,741,420 (including \$2,311,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2009, \$2,731,420 (including \$2,301,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2010, \$2,721,420 (including \$2,291,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2011, \$2,711,420 (including \$2,281,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2012, \$2,701,420 (including \$2,271,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2013, \$2,691,420 (including \$2,261,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2014, \$2,681,420 (including \$2,251,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2015, \$2,671,420 (including \$2,241,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2016, \$2,661,420 (including \$2,231,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2017, \$2,651,420 (including \$2,221,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2018, \$2,641,420 (including \$2,211,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2019, \$2,631,420 (including \$2,201,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2020, \$2,621,420 (including \$2,191,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2021, \$2,611,420 (including \$2,181,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2022, \$2,601,420 (including \$2,171,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2023, \$2,591,420 (including \$2,161,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2024, \$2,581,420 (including \$2,151,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2025, \$2,571,420 (including \$2,141,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2026, \$2,561,420 (including \$2,131,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2027, \$2,551,420 (including \$2,121,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2028, \$2,541,420 (including \$2,111,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2029, \$2,531,420 (including \$2,101,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2030, \$2,521,420 (including \$2,091,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2031, \$2,511,420 (including \$2,081,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2032, \$2,501,420 (including \$2,071,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2033, \$2,491,420 (including \$2,061,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2034, \$2,481,420 (including \$2,051,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2035, \$2,471,420 (including \$2,041,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2036, \$2,461,420 (including \$2,031,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2037, \$2,451,420 (including \$2,021,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2038, \$2,441,420 (including \$2,011,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2039, \$2,431,420 (including \$2,001,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2040, \$2,421,420 (including \$1,991,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2041, \$2,411,420 (including \$1,981,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2042, \$2,401,420 (including \$1,971,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2043, \$2,391,420 (including \$1,961,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2044, \$2,381,420 (including \$1,951,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2045, \$2,371,420 (including \$1,941,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2046, \$2,361,420 (including \$1,931,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2047, \$2,351,420 (including \$1,921,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2048, \$2,341,420 (including \$1,911,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2049, \$2,331,420 (including \$1,901,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2050, \$2,321,420 (including \$1,891,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2051, \$2,311,420 (including \$1,881,420 assessed by the United States Government, chiefly as a special excise tax);calendar year 2052, \$2,301,420 (including \$1,871,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2053, \$2,291,420 (including \$1,861,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2054, \$2,281,420 (including \$1,851,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2055, \$2,271,420 (including \$1,841,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2056, \$2,261,420 (including \$1,831,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2057, \$2,251,420 (including \$1,821,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2058, \$2,241,420 (including \$1,811,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2059, \$2,231,420 (including \$1,801,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2060, \$2,221,420 (including \$1,791,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2061, \$2,211,420 (including \$1,781,420 assessed by the United States Government, chiefly as a special excise tax); calendar year 2062, \$2,201,420 (including \$1,771,42

No. 235.—SUMMARY OF REPORTS OF PRINCIPAL RAILROADS FOR
THE 10 MONTHS ENDED OCT. 31, 1918 AND 1919.

[Source: Interstate Commerce Commission.]

Item.	Amount.		Per mile of road operated.	
	1918	1919	1918	1919
Average number miles operated.....	234,301.78	233,938.37	.....	.....
Revenues:	Dollars.	Dollars.	Dollars.	Dollars.
Freight.....	2,825,972,062	2,949,628,666	12,061	12,609
Passenger.....	857,882,148	985,900,032	3,661	4,214
Mail.....	44,709,901	43,445,495	191	186
Express.....	102,675,749	98,865,254	438	414
All other transportation.....	105,004,973	104,972,471	451	449
Incidental.....	103,780,601	108,094,751	443	462
Joint facility—Cr.....	4,841,659	5,679,106	21	24
Joint facility—Dr.....	1,460,035	1,783,282	6	8
Railway operating revenues.....	4,043,877,058	4,292,802,493	17,260	18,350
Expenses:	Dollars.	Dollars.	Dollars.	Dollars.
Maintenance of way and structures.....	523,527,059	647,553,193	2,234	2,768
Maintenance of equipment.....	899,165,368	1,003,341,842	3,888	4,289
Traffic.....	42,090,541	38,890,772	180	186
Transportation.....	1,671,392,303	1,786,973,450	7,134	7,639
Miscellaneous operations.....	32,152,884	40,005,812	137	171
General.....	92,315,169	102,520,234	394	443
Transportation for investment—Cr.....	4,690,018	4,943,745	20	21
Railway operating expenses.....	3,255,953,306	3,615,440,558	13,897	15,455
Net revenue from railway operations.....	788,023,752	677,361,935	3,363	2,895
Railway tax accrals (excluding "war taxes").	157,257,833	158,196,921	671	676
Uncollectible railway revenues.....	517,586	660,879	2	3
Railway operating income.....	630,248,333	518,498,135	2,690	2,216
Equipment rents.....	11,332,295	24,947,788	48	107
Joint facility rent (Dr. bal.).....	11,705,360	12,467,816	50	53
Net of three previous items.....	607,210,678	481,082,531	2,592	2,056
Ratio of operating expenses to operating revenues.....	80.51	84.22	.....	.....

No. 236.—FINANCES OF RAILROADS, CONSIDERED AS ONE SYSTEM:
SELECTED INCOME AND PROFIT AND LOSS ITEMS FOR THE CALENDAR YEAR 1917.¹

[Source: Statistical reports of the Interstate Commerce Commission.]

Item.	Amount.	Item.	Amount.
Railway operating revenues.....	Dollars. 4,178,784,652	Other income.....	Dollars. 101,808,148
Railway operating expenses.....	2,956,770,809	Gross income, after deducting operating expenses, taxes, equipment, and joint facility rents, etc.....	1,069,235,246
Net revenue from railway operations.....	1,222,013,843	Net interest on funded and un- funded debt.....	475,646,748 24,371,700
Railway tax accrals.....	227,301,093	Other deductions from gross income.....	569,216,798
Uncollectible railway revenues.....	711,879	Net income.....	Net dividends (includes dividend appropriation of surplus).....
Railway operating income.....	904,000,871	293,201,805	275,924,993
Equipment and joint facility rents (net deduction).....	26,573,773	Income above dividends.....	
Net railway operating income.....	907,427,098		

¹ In the preparation of this statement, the equipment and joint facility rents and the nonoperating income of the smaller roads, constituting in each case a small part of the total for all roads, were estimated on the basis of 1916 ratios. The items relating to operations, as well as to interest, dividends, and net income are the actual 1917 figures as tabulated for all roads. The term "Net railway operating income" means the railway operating income when equipment and joint facility rents are included in the computations. This was the basis for computing the so-called "Standard return" provided for by the Federal control act approved on Mar. 21, 1918. Profit and loss items other than dividends have not been included.

No. 237.—RAILROAD ACCIDENTS (STEAM ROADS): NUMBER OF EMPLOYEES, PASSENGERS, AND OTHER PERSONS KILLED, AND NUMBER INJURED, 1896 TO 1918.

[Sources: Years 1896 to 1910, statistical reports of the Interstate Commerce Commission; for subsequent years, accident bulletins of that commission compiled from monthly reports required under the act approved May 6, 1910. For various reasons, mainly the fact that returns were required under different acts, the statistics are not strictly comparable. Figures include nontrain (or industrial) accidents.]

Year ended June 30—	Employees.		Passengers.		Other persons. ¹		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1896.....	1,801	29,969	181	2,873	4,406	5,845	6,448	38,087
1897.....	1,693	27,607	222	2,795	4,522	6,269	6,437	36,731
1898.....	1,958	31,761	221	2,945	4,680	6,176	6,859	40,882
1899.....	2,210	34,923	239	3,442	4,674	6,255	7,123	44,820
1900.....	2,550	39,643	249	4,128	5,066	6,649	7,865	50,320
1901.....	2,675	41,142	282	4,988	5,498	7,209	8,455	53,339
1902.....	2,969	50,524	345	6,083	5,274	7,455	8,588	64,662
1903.....	3,006	60,481	355	8,231	5,879	7,841	9,840	76,553
1904.....	3,632	67,067	441	9,111	5,973	7,977	10,046	84,155
1905.....	3,861	66,833	537	10,457	5,805	8,718	9,703	86,008
1906.....	3,929	76,701	359	10,764	6,330	10,241	10,618	97,706
1907.....	4,534	87,644	610	13,041	6,695	10,331	11,839	111,016
1908 ²	3,405	82,487	381	11,556	6,402	10,187	10,188	104,230
1909 ²	2,610	75,008	253	10,311	5,859	10,309	8,722	95,626
1910 ²	3,382	95,671	324	12,451	5,976	11,385	9,682	119,507
1911.....	3,602	126,039	299	12,042	6,495	12,078	10,396	150,159
1912.....	3,635	142,442	283	14,938	6,667	12,158	10,585	169,538
1913.....	3,715	171,417	350	15,130	6,899	13,761	10,964	200,308
1914.....	3,259	165,212	232	13,887	6,811	13,563	10,302	192,662
1915.....	2,152	138,002	199	10,914	6,270	13,034	8,621	162,040
1916.....	2,587	160,663	239	7,488	6,438	12,224	9,364	180,375
1910 ³	2,941	176,923	246	7,152	6,814	12,647	10,001	196,722
1917 ³	3,190	174,247	301	7,582	6,587	12,976	10,087	194,805
1918 ³	3,419	156,013	471	7,316	5,396	11,246	9,286	174,575

¹ Including persons carried under contract, not riding as passengers, such as postal clerks, express messengers, Pullman employees, transfer agents, newsboys, stock tenders, etc.

² Excludes accidents reported by switching and terminal companies.

³ Year ended Dec. 31.

No. 238.—RAILROAD ACCIDENTS: SUMMARY OF CASUALTIES TO PERSONS IN TRAIN AND TRAIN-SERVICE ACCIDENTS ON STEAM ROADS, YEAR ENDED DEC. 31, 1918.¹

[Source: Accident bulletins of the Interstate Commerce Commission.]

Class of persons.	Casualties to persons—					
	In train accidents.		In train-service accidents.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Trespassers:						
Employees.....	39	1	3,142	74	97	74
Other persons.....		66		2,641	3,181	2,707
Total.....	39	67	3,216	2,738	3,255	2,805
Nontrespassers:						
Trainmen on duty.....	493	3,799	1,113	39,145	1,606	42,944
Other employees on duty.....	54	380	1,099	3,637	1,153	4,017
Employees not on duty.....	7	71	162	524	169	595
Passengers.....	261	4,313	210	3,003	471	7,316
Persons carried under contract.....	25	342	23	424	48	766
Other nontrespassers.....	117	433	1,878	5,268	1,995	5,701
Total.....	957	9,338	4,485	52,001	5,442	61,339
Grand total.....	996	9,405	7,701	54,739	8,697	64,144

¹ For statistics of nontrain accidents, see Table 240.

No. 239.—RAILROAD ACCIDENTS: ANALYSIS OF CASUALTIES CLASSED AS "NONTRAIN ACCIDENTS" ON STEAM ROADS, YEAR ENDED DEC. 31, 1918. (See Table 240.)

[Source: Accident bulletins of the Interstate Commerce Commission.]

Class of accident.	Shopmen.		Station men.		Trackmen.		Bridge and building men.		Other industrial employees.		All other persons.		Total.
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
Class I roads:													
Working machinery, engines, motors, etc.	26	4,303	.....	35	7	258	.....	69	5	170	1	30	39
Transmission apparatus (belts, gears, shafting, ropes, etc.)	4	476	.....	9	1	40	1	30	1	30	1	16	7
Use of hand tools, apparatus, etc.	9	10,467	.....	173	3	2,017	2	50	1	300	1	29	15
Flying particles, explosive and inflammable, hot, or corrosive substances.	2	5,576	.....	72	2	932	.....	138	.....	170	1	26	4
Electric currents.	12	2,460	2	55	2	117	3	42	2	188	2	26	23
Collapse, full, etc., of objects.	10	168	.....	13	1	9	1	6	12	45	2	9	27
Falls of persons.	23	9,613	1	1,321	8	949	13	620	11	716	5	98	66
Handling rails, ties, bridge timbers, etc.	26	6,658	9	1,298	27	2,139	21	895	28	1,494	16	371	126
Handling freight or supplies.	1	1,923	1	181	1	6,927	4	975	2	342	2	61	17
Miscellaneous industrial causes.	1	4,622	7	7,225	4	563	.....	149	1	627	1	94	13
Total industrial accidents.	64	17,497	4	1,544	39	3,465	6	850	13	2,326	15	882	146
Other nontrain accidents.	178	63,773	24	12,126	102	17,396	51	4,140	80	6,419	43	1,142	473
Total nontrain accidents.	182	64,035	24	12,189	108	17,610	53	4,192	80	6,874	89	1,897	542
Nontrain accidents—Recapitulation:													100,797
Class I roads ¹ .	182	64,035	24	12,189	108	17,610	53	4,192	86	6,874	89	1,897	542
Class II roads ² .	2	309	.....	53	8	394	2	94	3	65	4	9	19
Class III roads ³ .	1	16	2	621	3	471	1	7	.....	30	3	3	7
Switching and terminal roads.	8	1,001	2	.....	.....	.....	.....	80	6	248	2	65	21
Grand total.	192	65,451	26	12,871	122	18,645	56	4,373	95	7,217	98	1,974	589

¹ Roads having annual operating revenues above \$1,000,000.

² Roads having annual operating revenues from \$100,000 to \$1,000,000.

³ Roads having annual operating revenues below \$100,000.

No. 240.—RAILROAD ACCIDENTS: CASUALTIES TO PERSONS, YEARS ENDED
DEC. 31, 1917 AND 1918.¹

[Source: Accident bulletins of the Interstate Commerce Commission.]

YEAR ENDED DEC. 31, 1917.

Class of accident.	Passengers and persons carried under contract.		Employees (including em- ployees not on duty).		Other per- sons (tres- passers and nonrespon- sers).		Total persons.	
	Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.
Collisions.....	116	2,580	244	2,450	22	110	382	5,120
Derailements.....	15	1,844	156	1,833	52	94	223	3,271
Miscellaneous train accidents, including locomotive-boiler explosions.....		56	51	506	103	345	154	907
Total train accidents.....	131	4,490	451	4,289	177	549	759	9,298
Train-service accidents.....	212	3,914	2,330	48,491	6,266	9,267	8,808	61,672
Total train and train-service accidents.....	343	8,374	2,781	52,780	6,443	9,816	9,567	70,970
Nontrain accidents ²			418	121,467	102	2,368	520	123,835
Grand total.....	343	8,374	3,199	174,247	6,545	12,184	10,087	194,805

YEAR ENDED DEC. 31, 1918.

Collisions.....	220	2,079	276	2,314	11	53	507	4,446
Derailements.....	63	2,486	222	1,446	29	82	314	4,014
Miscellaneous train accidents, including locomotive-boiler explosions.....	3	90	56	490	116	365	175	945
Total train accidents.....	286	4,655	554	4,250	156	500	996	9,405
Train-service accidents.....	233	3,427	2,374	43,306	5,094	8,006	7,701	54,739
Total train and train-service accidents.....	519	8,082	2,928	47,556	5,250	8,506	8,697	64,144
Nontrain accidents ²			491	103,457	98	1,974	589	110,431
Grand total.....	519	8,082	3,419	156,013	5,348	10,480	9,286	174,575

¹ See also preceding table.

² This class includes accidents connected with the operation of a railway that are not incidental to the operation of trains, locomotives, or cars.

No. 241.—EMPLOYEES OF RAILROADS: NUMBER IN SERVICE ON JUNE 30 OF SPECIFIED YEARS, 1890 TO 1914, BY CLASSES.

[Source: Statistical reports of the Interstate Commerce Commission.]

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RAILROADS.

Class.	1890	1896	1898	1900	1902	1904	1906	1908	1910	1911 ^a	1912 ^a	1913 ^a	1914 ^a
General officers.....	5,160	5,372	4,956	4,916	4,816	4,842	5,165	5,536	6,090	6,407	5,076	5,492	5,790
Other officers.....	(3)	2,718	3,925	4,669	5,039	5,201	5,375	5,705	7,549	7,751	6,022	9,392	10,414
General office clerks.....	22,230	26,328	26,845	32,265	37,570	42,218	46,037	51,284	57,210	65,700	63,973	69,959	76,320
Station agents.....	25,665	29,723	30,699	31,610	33,478	34,882	34,918	35,245	34,940	35,649	35,740	36,519	37,379
Other station men.....	69,331	75,919	78,603	89,851	105,483	120,724	120,002	125,180	138,778	162,926	132,013	136,723	153,104
Engineers.....	33,354	35,851	37,939	42,827	48,318	52,837	52,451	54,817	59,855	65,298	57,868	57,077	64,691
Firemen.....	34,634	36,762	38,925	44,130	50,651	56,041	55,004	57,882	62,678	61,384	61,215	60,349	68,321
Conductors.....	23,513	25,457	26,876	29,957	35,070	39,741	39,645	41,061	43,926	48,869	43,322	43,608	48,682
Other trainmen.....	61,734	64,806	66,968	74,274	91,388	104,885	106,734	111,405	119,057	134,257	114,850	114,760	136,938
Machinists.....	27,601	29,272	28,882	32,831	39,145	44,819	46,272	47,018	51,253	55,244	44,941	48,237	55,193
Carpenters.....	37,936	35,846	40,374	46,666	51,698	56,407	53,646	56,080	63,820	70,394	58,946	60,887	68,085
Other shopmen.....	80,733	95,613	99,717	114,773	136,579	154,685	159,472	176,348	199,940	221,056	170,650	195,110	225,196
Section foremen.....	27,129	30,372	30,771	33,085	35,700	37,101	37,609	38,217	40,463	41,391	41,419	41,859	44,207
Other trackmen.....	157,036	169,664	184,494	226,798	281,075	300,714	289,044	311,185	343,791	367,277	299,448	320,762	378,955
Switch tenders, crossing tenders and watchmen	37,660	44,266	47,124	50,789	50,489	49,961	46,262	45,532	49,659	53,414	46,221	44,682	38,773
Telegraph operators and dispatchers.....	18,963	21,682	22,488	25,218	28,244	30,984	30,425	31,968	36,090	39,193	39,744	30,115	42,435
Employees—account floating equipment.....	6,199	5,502	6,349	7,597	7,426	7,949	7,495	8,768	8,314	9,139	8,028	8,758	10,549
All other employees and laborers.....	83,390	88,487	98,673	125,386	147,201	168,430	160,565	178,965	198,736	223,324	199,510	210,898	229,806
Total.....	749,301	826,620	874,558	1,017,663	1,189,315	1,312,587	1,296,121	1,382,196	1,521,355	1,672,674	1,456,275	1,502,823	1,659,420
													1,716,380
													1,815,239
													1,710,286

¹ Excludes employees of switching and terminal companies.

² Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

^a Annual report form for this year did not provide for this class of employees.

RAILROADS.

No. 242.—EMPLOYEES OF RAILROADS: TOTAL YEARLY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1890 TO 1914, BY CLASSES.
 [Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1890	1896	1898	1900	1902	1904	1906	1908 ²	1910 ²	1912 ²	1913 ³	1914 ²
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
General officers.....	13,554,924	12,497,957	12,632,224	13,157,220	13,000,284	14,475,126	15,911,369	16,213,474	17,949,017	19,298,782	19,481,672	21,358,995
Other officers.....	(4)	5,301,119	6,870,275	8,141,500	9,491,146	10,816,880	12,870,203	16,889,833	19,409,753	22,203,792	23,294,470	24,247,155
General office clerks.....	16,901,342	19,037,816	19,859,404	23,127,228	26,853,600	34,735,708	41,227,916	51,867,978	58,176,906	64,739,954	69,443,296	75,429,665
Station agents.....	14,806,456	17,050,117	17,632,146	18,553,252	20,172,608	22,584,269	22,571,595	25,908,206	27,203,943	29,935,642	30,016,048	31,841,367
Other station men.....	34,918,155	39,076,478	40,237,653	40,627,016	53,709,985	66,318,729	70,702,517	81,766,135	88,926,764	97,612,039	106,249,920	109,134,046
Enginemen.....	37,814,011	41,307,938	44,307,401	50,713,401	53,135,447	65,946,533	74,581,454	84,517,730	91,323,678	102,762,809	111,350,613	119,377,377
Firemen.....	21,750,252	23,724,854	25,199,230	29,203,596	33,750,709	40,463,940	44,463,306	50,747,825	55,626,902	62,117,000	67,238,331	67,137,366
Conductors.....	21,881,455	24,753,885	26,316,465	30,089,322	35,211,477	44,150,760	47,417,403	55,479,055	59,716,891	68,695,203	73,261,603	73,527,535
Other trainmen.....	35,276,703	38,379,035	39,597,133	44,844,475	56,335,462	75,521,384	81,884,828	97,456,690	109,654,112	127,060,109	139,409,443	139,524,007
Machinists.....	19,235,809	19,312,746	19,507,896	22,924,702	28,412,840	37,344,571	40,326,031	42,368,486	48,589,476	54,327,688	60,008,941	58,229,501
Carpenters.....	24,080,749	22,048,585	23,951,246	28,144,452	31,925,126	36,654,270	40,961,083	44,552,855	50,058,065	53,241,527	61,318,197	60,266,619
Other shopmen.....	42,179,614	48,497,587	51,359,701	59,470,846	94,463,049	111,524,564	121,695,515	145,457,974	167,807,528	181,645,024	191,359,706	
Section foremen.....	15,238,221	17,097,832	17,223,628	18,481,594	20,356,376	22,555,363	23,519,671	27,668,733	29,424,283	31,735,239	32,894,238	34,380,180
Other trackmen.....	57,560,900	54,521,113	57,303,740	71,664,298	89,536,409	104,600,785	112,196,214	122,994,426	140,200,782	156,067,014	156,806,395	148,115,441
Switch tenders, crossing tenders, and watchmen.....	20,656,369	24,950,907	26,633,630	29,599,255	28,669,990	26,920,485	27,939,001	27,607,830	24,880,701	22,982,964	22,422,731	22,917,957
Telegraph operators and dispatchers.....	11,823,844	13,695,587	14,259,057	16,176,401	18,281,069	21,770,296	24,729,660	30,989,287	32,348,603	34,890,615	36,518,803	36,574,687
Employees—account floating equipment.....	3,565,408	3,221,290	3,551,898	4,247,915	4,363,822	4,884,713	4,776,654	6,224,613	7,567,768	9,080,589	9,232,572	9,495,128
All other employees and laborers.....	42,636,131	43,398,416	48,552,290	63,098,165	74,433,083	90,392,829	103,414,176	130,698,937	137,110,073	147,766,253	163,244,292	168,211,260
Total.....	433,970,343	468,824,531	495,055,618	577,284,841	676,028,592	817,598,810	900,801,653	1,035,437,528	1,143,725,306	1,252,347,697	1,373,880,589	1,383,117,292

¹ Covers over 99 per cent of the number of employees for all the years mentioned, excepting 1906, the per cent for which was over 96.

² Excludes compensation of employees of switching and terminal companies.

³ Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.

⁴ Annual report form for this year did not provide for this class of employees.

⁵ Excludes compensation paid by Southern Pacific Co. (not reported). The corresponding amount paid in 1907 was \$35,724,918.

RAILROADS

No. 243.—EMPLOYEES OF RAILROADS: AVERAGE DAILY COMPENSATION FOR SPECIFIED YEARS ENDED JUNE 30, 1892 TO 1914, BY CLASSES.

Source: Statistical reports of the Interstate Commerce Commission.]

Class.	1892	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908 ¹	1909 ¹	1910 ¹	1912 ¹	1913 ¹	1914 ²
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
General officers.....	7.83	9.73	10.03	10.45	10.97	11.17	11.27	11.61	11.74	11.81	11.93	12.11	12.27	13.27	13.13	15.67	16.06
Other officers.....	(2)	5.21	5.18	5.22	5.36	5.60	5.76	6.07	6.02	6.82	5.99	6.27	6.40	6.22	6.32	6.44	6.48
General office clerks.....	2.28	2.26	2.20	2.19	2.18	2.21	2.22	2.24	2.24	2.30	2.33	2.31	2.40	2.50	2.51	2.54	2.54
Station agents.....	1.82	1.73	1.74	1.75	1.77	1.80	1.87	1.93	1.93	1.94	2.05	2.09	2.08	2.12	2.20	2.28	2.33
Other station men.....	1.68	1.61	1.60	1.60	1.59	1.61	1.64	1.69	1.71	1.69	1.78	1.82	1.84	1.89	1.96	1.98	1.98
Enginemen.....	3.88	3.72	3.72	3.75	3.78	3.84	4.01	4.10	4.12	4.12	4.30	4.45	4.44	4.55	5.00	5.20	5.24
Firemen.....	2.08	2.09	2.10	2.14	2.16	2.20	2.28	2.35	2.38	2.42	2.54	2.64	2.67	2.74	3.02	3.13	3.22
Conductors.....	3.08	3.13	3.13	3.17	3.17	3.21	3.38	3.50	3.50	3.51	3.69	3.81	3.81	3.91	4.29	4.39	4.47
Other trainmen.....	1.90	1.95	1.94	1.96	2.00	2.04	2.17	2.27	2.31	2.35	2.54	2.60	2.59	2.69	2.96	3.04	3.09
Machinists.....	2.29	2.28	2.29	2.30	2.32	2.36	2.50	2.61	2.65	2.69	2.87	2.95	2.98	3.08	3.21	3.26	3.27
Carpenters.....	2.08	2.02	2.03	2.04	2.06	2.19	2.36	2.45	2.46	2.48	2.40	2.40	2.43	2.51	2.55	2.63	2.66
Other shopmen.....	1.72	1.70	1.72	1.73	1.75	1.76	1.86	1.91	1.92	1.92	2.06	2.12	2.13	2.18	2.24	2.31	2.36
Section foremen.....	1.76	1.69	1.68	1.68	1.71	1.72	1.78	1.78	1.79	1.80	1.90	1.95	1.96	1.99	2.09	2.14	2.20
Other trackmen.....	1.22	1.16	1.18	1.22	1.23	1.25	1.31	1.33	1.32	1.36	1.46	1.45	1.38	1.47	1.50	1.58	1.59
Switch tenders, crossing tenders, and watchmen.....	1.80	1.74	1.77	1.80	1.74	1.77	1.76	1.77	1.79	1.80	1.87	1.78	1.73	1.69	1.70	1.70	1.71
Telegraph operators and dispatchers.....	1.92	1.92	1.93	1.96	1.98	2.01	2.08	2.15	2.19	2.13	2.26	2.30	2.30	2.33	2.47	2.52	2.56
Employees—account floating equipment.....	2.03	1.89	1.89	1.92	1.97	2.00	2.11	2.17	2.17	2.10	2.27	2.38	2.31	2.22	2.37	2.35	2.35
All other employees and laborers.....	1.68	1.67	1.68	1.71	1.69	1.71	1.77	1.82	1.83	1.83	1.92	1.97	1.98	2.01	2.10	2.15	2.20

¹ Excludes compensation of employees of switching and terminal companies.² Excludes returns for so-called small roads (having operating revenues below \$100,000 for the year) and returns for switching and terminal companies.³ Annual report form for this year did not provide for this class of employees.

No. 244.—EMPLOYEES OF RAILROADS: AVERAGE NUMBER IN SERVICE AND AVERAGE NUMBER PER 100 MILES OF LINE OF STEAM RAILWAYS, CALENDAR YEAR 1917, BY CLASSES.

[Source: Statistical reports of the Interstate Commerce Commission.]

Class.	Average number.	Steam railways. ¹ Per 100 miles of line.
General officers, \$3,000 per annum and upward.....	4,230	2
General officers, below \$3,000 per annum.....	3,486	1
Division officers, \$3,000 per annum and upward.....	1,360	1
Division officers, below \$3,000 per annum.....	9,430	4
Clerks, \$900 per annum and upward.....	84,590	36
Clerks, below \$900 per annum.....	99,473	43
Messengers and attendants.....	8,506	4
Assistant engineers and draftsmen.....	11,989	5
Maintenance of way and structure foremen.....	8,088	3
Section foremen.....	40,308	17
General foremen—maintenance of equipment department.....	1,549	1
Gang and other foremen—maintenance of equipment department.....	18,043	8
Machinists.....	41,112	18
Boiler makers.....	12,981	6
Blacksmiths.....	8,115	3
Masons and bricklayers.....	1,361	1
Structural ironworkers.....	885	
Carpenters.....	53,084	23
Painters and upholsterers.....	11,087	5
Electricians.....	9,564	4
Air-brake men.....	5,904	3
Car inspectors.....	19,861	8
Car repairers.....	66,531	29
Other skilled laborers.....	52,089	23
Mechanics' helpers and apprentices.....	86,021	37
Section men.....	241,435	104
Other unskilled laborers.....	107,564	46
Foremen of construction gangs and work trains.....	2,567	1
Other men in construction gangs and work trains.....	36,759	16
Traveling agents and solicitors.....	5,979	3
Employees in outside agencies.....	1,741	1
Other traffic employees.....	618	
Train dispatchers and directors.....	5,101	2
Telegraphers, telephoned, and block operators.....	20,526	9
Telegraphers and telephoned operating interlockers.....	7,694	3
Levermen (nontelegraphers).....	3,463	1
Telegrapher clerks.....	11,250	5
Agent telegraphers.....	19,421	3
Station agents (nontelegraphers).....	14,476	6
Station masters and assistants.....	592	
Station-service employees.....	117,494	51
Yardmasters.....	3,719	2
Yardmasters' assistants.....	2,507	1
Yard engineers and motormen.....	13,933	3
Yard firemen and helpers.....	19,616	8
Yard conductors (or foremen).....	18,703	8
Yard brakemen (switchmen or helpers).....	48,451	21
Yard switch tenders.....	4,848	2
Other yard employees.....	3,984	2
Hostlers.....	8,083	3
Enginehouse men.....	55,133	24
Road freight engineers and motormen.....	34,155	15
Road freight firemen and helpers.....	36,828	16
Road freight conductors.....	27,152	12
Road freight brakemen and flagmen.....	67,818	29
Road passenger engineers and motormen.....	13,297	6
Road passenger firemen and helpers.....	13,105	6
Road passenger conductors.....	10,655	5
Road passenger baggagemen.....	5,524	2
Road passenger brakemen and flagmen.....	14,854	6
Other road train employees.....	3,548	1
Crossing flagmen and gatemen.....	15,976	7
Drawbridge operators.....	1,329	1
Floating-equipment employees.....	11,110	5
Express-service employees.....	4	
Policemen and watchmen.....	11,310	5
Other transportation employees.....	5,780	2
All other employees.....	19,632	8
Total.....	1,732,876	746

¹ Includes only returns for roads having operating revenues above \$1,000,000 for the year (except switching and terminal companies), and represents 232,198.09 miles (average mileage operated during the year).

No. 245.—EMPLOYEES OF RAILROADS: AVERAGE HOURLY AND YEARLY COMPENSATION OF STEAM RAILWAYS, CALENDAR YEAR 1917, BY CLASSES.¹

[Source: Statistical reports of the Interstate Commerce Commission.]

Class.	Compensation.	
	Hourly.	Yearly.
General officers, \$3,000 per annum and upward.....	² 20.452	28,569,287
General officers, below \$3,000 per annum.....	2 5.618	6,263,998
Division officers, \$3,000 per annum and upward.....	² 11.074	4,994,032
Division officers, below \$3,000 per annum.....	2 5.138	17,519,593
Clerks, \$900 per annum and upward.....	.428	103,754,062
Clerks, below \$900 per annum.....	.241	67,745,851
Messengers and attendants.....	² 1.502	4,375,157
Assistant engineers and draftsmen.....	2 3.698	18,722,480
Maintenance of way and equipment foremen.....	2 3.552	9,019,428
Section foremen.....	2 2.592	35,744,163
General foremen—maintenance of equipment department.....	2 4.274	2,572,550
Gang and other foremen—maintenance of equipment department.....	2 3.661	24,386,355
Machinists.....	.462	57,321,897
Boiler makers.....	.462	18,423,117
Blacksmiths.....	.446	10,210,190
Masons and bricklayers.....	.327	1,269,437
Structural ironworkers.....	.357	897,720
Carpenters.....	.322	49,870,186
Painters and upholsterers.....	.347	10,537,323
Electricians.....	² 3.073	9,853,748
Air-brake men.....	.327	6,412,801
Car inspectors.....	.280	22,425,120
Car repairers.....	.338	66,073,861
Other skilled laborers.....	.345	56,440,502
Mechanics' helpers and apprentices.....	.270	70,718,313
Section men.....	.192	145,164,191
Other unskilled laborers.....	.224	74,773,897
Foremen of construction gangs and work trains.....	.309	2,648,162
Other men in construction gangs and work trains.....	.206	22,957,221
Traveling agents and solicitors.....	² 5.188	9,806,571
Employees in outside agencies.....	2 3.490	1,856,028
Other traffic employees.....	² 4.391	815,275
Train dispatchers and directors.....	.594	9,184,069
Telegraphers, telephoners, and block operators.....	.310	18,813,933
Telegraphers and telephoners operating interlockers.....	.323	7,358,623
Levermen (nontelegraphers).....	.244	2,946,378
Telegrapher clerks.....	.276	10,037,611
Agent telegraphers.....	.260	18,414,893
Station agents (nontelegraphers).....	² 2.799	15,044,554
Station masters and assistants.....	2 3.486	764,833
Station-service employees.....	.226	83,389,607
Yardmasters.....	² 4.794	6,702,730
Yardmasters' assistants.....	2 4.406	4,274,626
Yard engineers and motormen.....	.535	33,907,275
Yard firemen and helpers.....	.338	21,348,404
Yard conductors (or foremen).....	.474	29,050,752
Yard brakemen (switchmen or helpers).....	.433	64,282,899
Yard switch tenders.....	.223	4,102,855
Other yard employees.....	.176	2,655,581
Hostlers.....	.311	10,052,200
Enginhouse men.....	.218	46,024,605
Road freight engineers and motormen.....	.691	72,013,998
Road freight firemen and helpers.....	.447	46,949,230
Road freight conductors.....	.564	50,364,297
Road freight brakemen and flagmen.....	.381	81,521,397
Road passenger engineers and motormen.....	.914	29,688,851
Road passenger firemen and helpers.....	.569	17,745,404
Road passenger conductors.....	.737	20,047,221
Road passenger baggagemen.....	.412	6,489,322
Road passenger brakemen and flagmen.....	.421	16,246,346
Other road train employees.....	.302	2,899,477
Crossing flagmen and gatemen.....	² 1.423	8,545,073
Drawbridge operators.....	² 1.738	1,011,674
Floating-equipment employees.....	.252	10,314,174
Express-service employees.....	.145	763
Policemen and watchmen.....	² 2.377	10,139,050
Other transportation employees.....	² 2.115	4,889,081
All other employees.....	² 1.960	13,015,350
All classes for which hourly pay is shown.....	.318	1,739,482,142
All classes for which daily pay is shown.....	3.334	

¹ See note 1, p. 347.

² Represents average daily compensation.

No. 246.—RAILROADS PLACED UNDER RECEIVERSHIP AND SOLD UNDER FORECLOSURE: NUMBER AND MILEAGE, 1880 TO 1917.

[Source: The Railway Age, Chicago, Ill.]

Calendar year.	Placed under receivership.			Sold under foreclosure.		
	Number of roads.	Miles.	Stocks and bonds.	Number of roads.	Miles.	Stocks and bonds.
				Dollars.	Dollars.	
1880.....	13	885	140,265,000	31	3,775	263,882,000
1881.....	5	110	3,742,000	29	2,617	137,923,000
1882.....	12	912	39,074,000	16	867	65,426,000
1883.....	11	1,990	108,470,000	18	1,354	47,100,000
1884.....	37	11,838	714,755,000	15	710	23,504,000
1885.....	44	8,856	385,460,000	22	3,156	278,394,000
1886.....	11	1,799	70,346,000	45	7,687	374,109,000
1887.....	9	1,046	90,318,000	31	5,478	328,181,000
1888.....	22	3,270	186,814,000	19	1,596	64,555,000
1889.....	22	3,803	99,664,000	25	2,930	137,815,000
1890.....	26	2,963	105,007,000	29	3,825	182,495,000
1891.....	26	2,159	84,479,000	21	3,223	169,069,000
1892.....	86	10,508	357,692,000	28	1,922	95,898,000
1893.....	74	29,340	1,781,046,000	25	1,613	79,924,000
1894.....	58	7,025	395,791,000	42	5,643	318,999,000
1895.....	31	4,089	369,075,000	52	12,831	761,791,000
1896.....	94	5,441	275,597,000	58	13,730	1,150,377,000
1897.....	18	1,587	92,909,000	42	6,675	517,680,000
1898.....	18	2,069	138,701,000	47	6,054	252,910,000
1899.....	10	1,019	52,285,000	32	4,294	267,584,000
1900.....	16	1,165	78,234,000	24	3,477	190,374,000
1901.....	4	73	1,627,000	17	1,139	85,808,000
1902.....	5	278	5,835,000	20	693	39,788,000
1903.....	9	229	18,828,000	13	555	15,885,000
1904.....	8	744	36,069,000	13	524	28,266,000
1905.....	10	3,593	176,321,000	6	679	20,307,000
1906.....	6	204	55,042,000	8	262	10,400,000
1907.....	7	317	13,585,000	6	114	13,777,000
1908.....	24	8,009	596,359,000	3	138	2,547,000
1909.....	5	859	78,095,000	12	2,629	250,093,000
1910.....	7	735	51,427,500	17	1,100	93,660,100
1911.....	5	2,606	210,606,882	13	1,386	40,741,453
1912.....	13	3,784	182,112,497	12	661	25,910,990
1913.....	17	9,020	477,780,820	6	1,159	86,163,850
1914.....	22	4,222	199,571,446	9	1,470	83,189,500
1915.....	12	20,143	1,070,808,628	11	3,914	285,258,782
1916.....	9	4,439	208,159,689	26	8,355	703,444,855
1917.....	19	2,436	61,169,962	20	10,963	557,846,348

No. 247.—EXPRESS COMPANIES: CLASSIFICATION OF MILEAGE COVERED BY OPERATIONS, DEC. 31, 1918, COMPARED WITH TOTAL FOR DEC. 31, 1917.

[Source: Statistical reports to the Interstate Commerce Commission.]

Company.	Steam road.	Electric line.	Steamboat line.	Stage line.	Total, Dec. 31, 1918.	Total, Dec. 31, 1917.
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
Adams Express Co.....						48,602.36
American Express Co.....						73,289.03
Canadian Express Co.....						12,447.14
Great Northern Express Co.....						9,095.25
Northern Express Co.....						8,290.39
Southern Express Co.....						34,918.30
Wells, Fargo & Co.....						115,520.65
Western Express Co.....						5,236.90
American Railway Express Co.....	239,282.12	6,951.25	44,802.12	1,175.42	292,210.91	.....
Total.....	239,282.12	6,951.25	44,802.12	1,175.42	292,210.91	1,307,400.02

¹Includes 8,801.70 miles of electric lines; 39,994.99 miles of steamboat lines; and 1,195.07 miles of stagelines.

No. 248.—EXPRESS COMPANIES: INCOME ACCOUNT AND PROFIT AND LOSS ACCOUNT OF SPECIFIED COMPANIES, YEAR ENDED DEC. 31, 1918.

[Source: Statistical reports to the Interstate Commerce Commission.]

Item.	Adams Express Co., ¹	American Express Co., ¹	Canadian Express Co., ¹	Great Northern Express Co., ¹	Northern Express Co., ¹	Southern Express Co., ¹	Wells, Fargo & Co., ¹	Western Express Co., ¹	American Railway Express Co., ²
INCOME ACCOUNT.									
Charges for transportation.	\$29,876,163	Dollars. 43,508,142 21,671,059	Dollars. 2,555,945 1,211,339	Dollars. 1,708,951 1,080,003	Dollars. 11,480,662 1,053,299	Dollars. 33,812,974 5,874,798	Dollars. 23,987,947 5,874,325	Dollars. 128,129,891 490,393	Dollars. 128,129,891 490,393
Express privileges—Dr.	14,944,725								144,237,728
Revenue from transportation.....	14,894,408	21,807,083	1,344,506	680,335	653,652	15,978,440	408,474	63,890,983	
Revenue from operations other than transportation.....	272,718	1,712,812	81,874	32,148	28,591	5,008,384	601,504	2,538,982	
Total operating revenues.....	15,207,126	23,549,895	1,426,380	722,483	679,243	6,788,223	16,679,953	68,429,846	
Operating expenses.....	21,011,119	21,518,170	1,372,863	684,093	727,511	5,602,557	17,667,159	488,513	75,527,534
Net operating revenues.....	5,803,983	3,968,255	53,577	138,380	348,268	195,666	3,1,037,206	5,772	3,9,097,680
Uncollectible revenue from transportation.....	25,275	19,032	30,000	38,762	200,463	192,192	20,755	906	6,928
Express taxes.....	150,905	280,447			143,657	194,180	280,265	12,119	785,689
Operating income.....	3,989,173	\$1,265,754	28,577	99,428	3,102,338	3,658	3,388,226	3,7,253	3,9,870,316
Other income.....	583,480	446,016		19,987	131,256	58,450	592,612	11,886	360,725
Gross income.....	35,398,653	38,119,738	22,577	119,415	61,073	57,794	3795,614	4,633	39,569,581
Deductions from gross income.....	22,288	162,988	4,22,577	57,157	124	4,450	105,692	393	22,324
Net income.....	3,6,129,353	3,922,126		119,258	3,61,197	53,344	3,901,368	4,240	3,9,591,885
Dividend appropriations of income.....							719,022		
Other deductions from net income.....									
Income balances transferred to profit and loss.....	3,6,122,563	3,932,126		119,258	3,61,197	53,344	3,1,620,328	4,240	3,9,591,885
PROFIT AND LOSS ACCOUNT.									
Credit balance on Dec. 31 of the preceding year.....	8,015,006	6,213,917		632,473	1,129,311	3,892,153	4,122,785	289,147	
Credit balance for the year from income.....	3,6,122,563	3,932,126	56,474	1,19,258	3,61,197	53,344	3,1,620,328	4,240	3,9,591,885
Dividend appropriations of surplus.....					500,000				
Other profit and loss items—credit balance.....	12,121	2,775		267	14,579	43,974	45,325	133	9,561,885
Balance credit carried to balance sheet.....	1,904,564	4,718,092		751,088	582,093	4,380,471	2,547,782	295,520	

¹ Figures cover operations for six months ended June 30, 1918.

² Figures cover operations for six months ended Dec. 31, 1918.

³ Debit or reverse item.

⁴ Represents balance turned over to Grand Trunk Ry. Co. of Canada.

No. 249.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS), 1903 TO 1918.¹

[Source: From reports of the Chief of Engineers, War Department.]

Section of river and year.	Grain and its products.	Cotton.	Cotton seed and its products.	Live stock.	Coal and coke.	Lumber.	Logs.
St. Louis and Cairo:							
1903	103,114	585	340	18,010	119,727	120,231	89,662
1904	72,497	471	1,481	16,266	108,955	38,510	65,990
1905	50,441	1,991	912	21,048	131,756	21,143	101,111
1906	28,858	1,177	673	11,542	170,830	10,765	120,113
1907	19,832	1,522	260	11,075	166,360	25,179	49,175
1908	12,589	1,697	765	9,872	190,397	3,882	87,070
1909	21,325	3,129	614	15,184	164,496	19,925	58,040
1910	16,981	972	982	6,581	113,673	5,786	44,555
1911	23,578	1,889	2,871	8,868	165,398	7,732	63,968
1912	12,496	1,251	1,997	5,507	145,227	6,429	37,856
1913	20,179	1,264	1,367	8,199	152,150	10,855	27,536
1914	17,909	1,080	790	5,758	12,492	5,021	60,491
1915	26,962	924	2,400	14,138	13,013	15,092	31,064
1916	13,044	285	1,027	6,580	62,723	19,358	828,514
1917	7,588	907	1,415	5,008	15,183	7,357	28,664
1918 ²	24,377	550	886	7,760	25,987	1,398	22,200
Cairo and Memphis:							
1903	100,222	10,065	10,850	15,040	1,266,378	209,541	430,530
1904	8,782	15,455	12,064	618	1,250,476	192,481	503,405
1905	51,123	9,573	11,069	200	1,328,930	242,070	468,051
1906	4,551	10,903	13,288	.....	1,030,000	254,156	238,464
1907	5,771	11,905	9,276	.....	1,031,154	183,036	404,969
1908	4,321	11,620	16,249	130	920,783	119,256	369,190
1909	11,340	12,489	9,567	3,942	737,761	70,848	305,716
1910	15,669	13,815	8,276	3,780	508,096	72,880	335,662
1911	22,536	14,271	9,142	5,084	1,199,492	41,975	388,320
1912	78,679	11,214	6,493	4,944	881,523	58,775	275,030
1913	21,033	10,187	6,536	4,550	867,262	57,447	175,410
1914	14,562	9,287	6,320	4,075	826,362	27,662	298,658
1915	12,708	30,968	6,980	3,219	981,431	52,661	171,628
1916	7,112	25,896	4,798	2,506	477,820	26,795	184,270
1917	5,064	6,370	4,175	2,439	220,811	30,410	195,152
1918 ²	21,178	8,075	3,278	1,305	130,083	12,598	317,390
Memphis and Vicksburg:							
1903	114,974	31,695	145,988	4,830	1,281,311	80,026	236,521
1904	16,017	87,581	52,757	3,966	1,077,693	76,357	630,226
1905	47,960	66,556	64,699	4,091	1,097,758	128,697	334,499
1906	33,000	64,906	60,525	3,236	842,513	462,486	288,250
1907	21,937	37,843	24,206	7,580	871,034	157,930	373,695
1908	14,069	30,469	33,665	7,023	857,895	104,867	116,748
1909	17,325	20,563	23,287	10,792	632,570	78,116	223,434
1910	20,295	20,770	26,743	11,791	392,561	59,378	187,950
1911	23,147	21,595	21,870	10,891	1,090,856	34,173	412,392
1912	13,050	18,562	16,725	7,495	733,135	34,820	300,607
1913	18,138	17,252	15,130	12,230	763,895	46,536	271,720
1914	16,590	17,213	26,057	11,736	682,104	26,117	153,605
1915	22,414	39,823	20,161	15,355	892,840	52,602	76,905
1916	13,175	30,565	15,338	10,563	379,201	32,127	155,084
1917	9,314	14,661	9,827	7,031	129,847	29,652	208,821
1918 ²	35,664	25,394	15,191	7,862	7,862	32,570	14,840
Vicksburg and New Orleans:							
1903	125,236	39,519	53,909	7,337	1,263,372	80,500	212,375
1904	23,878	46,997	63,901	4,858	1,020,500	25,358	133,638
1905	24,062	25,349	39,454	3,945	1,080,075	33,203	233,388
1906	24,298	53,269	25,224	3,358	832,410	67,720	184,501
1907	31,532	38,262	73,242	2,834	850,200	45,764	167,607
1908	34,272	30,297	35,620	3,111	801,596	19,243	169,974
1909	34,794	10,599	17,103	2,105	607,333	31,501	242,574
1910	28,470	6,578	10,339	1,846	364,559	14,903	71,538
1911	33,092	7,572	14,347	5,313	1,093,371	36,743	18,869
1912	31,551	4,325	5,486	3,654	748,609	68,454	46,572
1913	30,942	8,210	15,043	3,953	725,319	74,649	6,043
1914	23,053	8,345	12,738	2,550	669,589	19,880	122,619
1915	94,350	8,315	9,622	3,546	895,420	31,658	53,033
1916	13,239	6,053	8,324	3,331	349,394	70,812	77,626
1917	5,247	13,193	5,865	2,353	269,568	40,517	238,245
1918 ²	67,081	10,855	9,559	2,894	113,153	115,272	44,570

¹ Each stretch is treated as a separate river, and tonnage carried between ports on different stretches will appear in the statistics of all intervening stretches; consequently the sum of the tonnage carried in the four stretches does not represent the total traffic on the river as a whole.

² Figures do not include various merchandise handled by Government vessels.

No. 249.—LOWER MISSISSIPPI RIVER: COMMERCE (RECEIPTS AND SHIPMENTS),
1903 to 1918—Continued.

Section of river and year.	Iron, steel, and metals.	Groceries and pro- visions.	Gravel, sand, and stone.	Oil. ¹	Miscele- nous and un- classified.	Total.
St. Louis and Cairo:						
1903	82,797	35,485	14,559	79,230	649,181	
1904	1,400	18,581		93,574	386,488	
1905	185	18,988		69,526	417,021	
1906	325	7,779	37,800	68,154	458,016	
1907	739	2,100	1,000	55,025	332,267	
1908	15,925	12,156	14,550	40,454	389,357	
1909	4,999	11,247		19,147	318,584	
1910	188	10,004	45,314	35	43,998	289,759
1911	1,627	20,642		6,400	23,166	326,139
1912	14,151		184	14,632	36,478	276,208
1913	502	14,684	213	6,982	37,154	281,085
1914	178	5,907	156,571	52	58,855	325,164
1915	20,214	11,032	668,471	21,857	73,165	809,232
1916	4,468	9,061	771,755	19,589	75,051	1,065,773
1917	60,584	6,256	127,254	8,143	95,820	364,777
1918 ²	65,445	5,754	88,401	1,959	47,265	291,982
Cairo and Memphis:						
1903	77,331	4,836	13,000		112,467	2,250,260
1904	45,549	3,745	29,700		92,978	2,158,254
1905	55,153	4,844	5,800		43,550	2,288,363
1906	53,449		21,300		88,020	1,719,893
1907	28,422	2,517	15,200		83,496	1,835,746
1908	38,868	579	25,560	26	44,077	1,550,659
1909	34,835	13,160	16,830	2	15,603	1,232,093
1910	20,228	17,211	21,481		20,897	1,039,195
1911	86,564	28,070	32,220		29,942	1,857,616
1912	28,002	17,938	24,302	53	37,979	1,425,923
1913	22,108	18,741	35,728	40	39,020	1,261,662
1914	24,211	16,497	65,641	2	27,804	1,321,081
1915	33,941	15,572	826,460	7,852	49,606	2,198,026
1916	813	11,575	429,779	1,054	38,720	1,205,647
1917	55,052	8,967	70,089	5,305	31,610	635,444
1918 ²	65,499	5,174	2,493	27,784	44,827	634,084
Memphis and Vicksburg:						
1903	44,369	31,191	10,000		34,317	2,018,222
1904	16,246	28,739	19,000		32,016	2,040,598
1905	10,400	30,471	19,336		45,354	1,855,839
1906	35,898	32,507	491,458		41,122	2,355,901
1907	22,278	27,046	72,060	4,234	40,357	1,661,406
1908	21,783	10,800	25,540	4,781	24,582	1,252,222
1909	10,949	25,971	541	2,746	24,743	1,071,037
1910	15,421	34,560	186,516	2,222	22,179	980,386
1911	11,190	24,199	228,303	2,025	30,273	1,910,854
1912	7,501	20,852	216,468	407	25,167	1,394,789
1913	9,662	20,002	331,812	671	35,318	1,542,456
1914	8,441	28,921	869,932	9,097	38,581	1,888,394
1915	24,831	45,860	892,940	38,579	76,444	2,198,814
1916	4,206	20,984	1,059,150	2,395	87,239	1,809,977
1917	58,808	13,389	632,612	5,745	73,838	1,493,540
1918 ²	4,733	23,373	24,610	351,296	65,975	872,181
Vicksburg and New Orleans:						
1903	52,891	157,510	27,983		187,030	2,207,092
1904	116,371	118,458	377,415		186,466	2,117,840
1905	24,062	86,833	526,852		382,932	2,462,974
1906	29,928	77,830	858,572		397,127	2,554,336
1907	16,235	60,042	920,445	219,075	154,039	2,585,277
1908	20,393	100,095	321,498	261,869	70,184	1,867,912
1909	10,264	60,659	770,941	233,191	83,606	2,104,720
1910	9,707	58,941	657,056	223,984	81,709	1,530,230
1911	7,246	98,200	625,259	423,446	62,018	2,426,376
1912	8,209	101,372	264,000	419,658	105,850	1,807,740
1913	7,696	108,970	236,532	1,128,677	70,916	2,417,859
1914	7,577	65,166	392,838	956,784	62,484	2,348,623
1915	17,381	241,730	497,313	705,006	156,692	2,712,022
1916	2,185	75,298	290,457	1,201,581	135,968	2,234,238
1917	1,249	46,237	247,478	1,515,115	164,587	2,549,654
1918 ²	2,739	143,814	2,207,121	147,241	29,656	2,894,255

¹ Included under "Miscellaneous and unclassified" prior to 1907.² Figures do not include various merchandise handled by Government vessels.³ Figures do not include 485,879 tons of sand and gravel for year in the vicinity of St. Louis.

No. 250.—ANNUAL AVERAGE FREIGHT RATES ON WHEAT BY LAKE AND CANAL, BY LAKE AND RAIL, AND BY ALL RAIL FROM CHICAGO TO NEW YORK, AND FROM NEW YORK TO LIVERPOOL BY STEAM: 1878 to 1919.

[Source: Mr. Henry Heinzer, statistician, New York Produce Exchange.]

Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liver- pool.	Calendar year.	Average rates per bushel, Chicago to New York.			New York to Liver- pool.
	By lake and canal. ¹	By lake and rail.	By all rail.			By lake and canal. ¹	By lake and rail.	By all rail.	
	Cents.	Cents.	Cents.	Pence.		Cents.	Cents.	Cents.	Pence.
1878.....	9.15	11.4	17.7	7½	1899.....	5.65	6.63	11.13	2 7/8
1879.....	11.6	13.3	17.3	6 1/8	1900.....	4.42	5.05	8 9.98	3 1/2
1880.....	12.27	15.7	19.9	5 1/8	1901.....	5.14	5.57	8 9.92	1 1/4
1881.....	8.19	10.4	14.4	4 1/8	1902.....	5.25	5.78	8 10.60	1 1/8
1882.....	7.80	10.9	14.6	3 1/8	1903.....	5.44	6.17	8 11.33	1 1/8
1883.....	8.37	11.5	16.5	4 1/8	1904.....	4.71	5.02	8 11.11	1 1/8
1884.....	6.31	9.95	13.125	3 1/8	1905.....	5.51	6.44	8 10.20	1 1/8
1885.....	5.87	9.02	14.0	2 7/8	1906.....	5.94	6.48	8 10.50	1 7/8
1886.....	8.71	12.0	16.5	3 1/8	1907.....	6.68	6.93	8 11.30	1 1/4
1887.....	8.51	12.0	2 15.74	2 1/8	1908.....	6.00	6.33	8 11.70	1 1/8
1888.....	5.93	11.0	2 14.5	2 1/8	1909.....	5.35	6.88	8 11.70	1 1/8
1889.....	6.89	2 8.7	15.0	3 1/8	1910.....	5.13	6.57	8 9.60	1 1/2
1890.....	5.85	8.5	14.31	2 7/8	1911.....	5.35	5.23	8 9.69	2
1891.....	5.96	8.53	15.0	3 1/8	1912.....	5.57	6.17	8 9.60	3 1/8
1892.....	5.61	7.55	14.28	2 1/8	1913.....	5.74	7.01	8 9.60	2 1/2
1893.....	6.33	8.44	14.7	2 1/8	1914.....	5.31	6.54	8 9.60	3
1894.....	4.44	7.0	12.88	1 1/8	1915.....	6.08	7.48	8 10.08	13 1/4
1895.....	4.11	6.95	12.17	2 1/8	1916.....	7.95	9.55	8 10.08	18 1/2
1896.....	5.38	7.32	12.0	2 1/8	1917.....	8.72	9.99	8 10.08	(*)
1897.....	4.35	7.37	12.32	3 1/8	1918.....	12.53	12.27	8 16.24	(*)
1898.....	4.42	4.96	11.55	3 7/8	1919.....	10.94	11.60	13.80	(*)

¹ Includes canal tolls prior to 1883, but not Buffalo transfer charges.

² Averages based upon officially published tariffs; actual rates lower.

³ For domestic consumption; local rate for export only 9.08 cents in 1900, 9.02 cents in 1901, and 8.75 cents in 1902; and, when consigned or delivered to steamer, 8.89 cents in 1903, 8.47 cents in 1904, 7.99 cents in 1905, 8.10 cents in 1906, 9.70 cents in 1907, 10.50 cents in 1908 and 1909, 7.80 cents in 1910 to 1914, 8.22 cents in 1915 and 1916, 9.18 cents in 1917, 15.29 cents in 1918, and 13.65 in 1919.

⁴ No freights quoted.

No. 251.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK AND ELEVATING AND STORAGE RATES AT BUFFALO: 1888 to 1919.

[Source: Secretary of the Buffalo Chamber of Commerce.]

Calendar year.	Average canal freight rates. ¹	Elevating, including storage. ¹	Calendar year.	Average canal freight rates. ¹	Elevating, including storage. ¹
	Cents per bushel. ³	Cents per bushel. ³		Cents per bushel. ³	Cents per bushel. ³
1888.....	3.4	0.875	1904.....	3.2	0.500
1889.....	4.8	.875	1905.....	3.9	.500
1890.....	3.8	.875	1906.....	4.2	.500
1891.....	3.5	.875	1907.....	5.0	.500
1892.....	3.5	.875	1908.....	5.0	.500
1893.....	4.6	.875	1909.....	3.9	.500
1894.....	3.2	.875	1910.....	4.0	.500
1895.....	2.2	.875	1911.....	4.3	.500
1896.....	3.7	.875	1912.....	4.4	.500
1897.....	2.8	.875	1913.....	4.6	.600
1898.....	2.8	.875	1914.....	4.3	.500
1899.....	3.0	.500	1915.....	4.6	.500
1900.....	2.5	.500	1916.....	5.0	.500
1901.....	3.5	.500	1917.....	4.4	(2)
1902.....	3.8	.500	1918.....	9.3	(2)
1903.....	4.0	.500	1919.....	8.2	(2)

¹ Storage varied; 5 to 10 days the limit.

² No available data.

No. 252.—AVERAGE FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS (PER 100 POUNDS) FROM CHICAGO TO EUROPEAN PORTS BY ALL RAIL TO SEABOARD AND THENCE BY STEAMERS: CALENDAR YEARS 1907 TO 1916.¹

[Source: Secretary of the Board of Trade, Chicago.]

Shipped to—	Article.	1907	1908	1909	1910	1911	1912	1913	1915	1916
Liverpool.....	Grain.....	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
Do	Do	0.1922	0.1901	0.1893	0.1815	0.1979	0.2561	0.2339	0.5968	0.5017
Do	Sacked flour.....	2.125	2.075	2.072	1.975	2.302	2.900	3.000	6.250	.8530
Glasgow.....	Provisions.....	4.085	4.257	4.588	4.588	4.588	4.619	5.100	1.0600	1.7750
London.....	Grain.....	1.967	1.863	1.800	1.691	2.000	2.100	2.292	.5813	.4889
Do	Sacked flour.....	2.391	2.200	2.120	2.150	2.500	3.000	3.200	6.980	.8530
Do	Provisions.....	4.688	4.688	4.688	4.688	4.688	5.250	5.581	1.0000	1.7750
Antwerp.....	Grain.....	2.054	1.946	1.817	1.775	2.092	2.630	2.433	.5448	.4992
Do	Sacked flour.....	2.868	2.816	2.150	2.200	2.252	2.922	3.050	6.825	.8530
Do	Provisions.....	4.626	4.626	4.746	4.762	4.762	5.045	5.100	1.0388	1.7750
Hamburg.....	Grain.....	.....	.....	1.805	2.026	2.026	2.462	2.616	.....	.....
Do	Sacked flour.....	.....	.....	2.700	3.370	3.370	3.560	3.560	.....	.....
Do	Provisions.....	4.556	4.959	4.942	4.944	4.944	5.238	5.522	.....	.....
Amsterdam.....	Grain.....	.....	.....	.....	.....	.....	.....	2.16	.....	.....
Do	Sacked flour.....	.....	.....	5.000	5.000	5.000	5.250	5.250	.....	.....
Rotterdam.....	Grain.....	4.500	4.500	4.800	4.800	4.900	5.100	5.400	.....	.....
Do	Sacked flour.....	.....	.....	.....	2.000	3.200	2.507	6.943	.6143	.....
Copenhagen.....	Provisions.....	4.500	4.500	4.700	4.700	4.800	5.000	5.200	8.333	.8675
Stockholm.....	Provisions.....	5.100	.6396	.5581	.5581	.5697	.7129	.6943	1.7180	1.7650
Stettin.....	Sacked flour.....	.....	.....	.....	3.100	4.800	4.000	4.000	.....	.8875
Bordeaux.....	Provisions.....	.....	.....	.....	3.600	5.200	4.300	4.300	.....	.....
Havre.....	do	5.500	.5500	.5500	.5750	.5750	.6300	.7125	.....	.....
	do .....	.....	.....	.....	5.875	.6150	.6938	.....	.....	.....

¹ During the first six months of the year 1914 rates paid on grain, flour, and provisions were quite low as compared with previous years; the European war, however, shortly after the beginning of hostilities, created a tremendous demand for tonnage and forced rates to the highest level known to this generation of shippers. Complete statements of freight averages for 1914 to 1916 are therefore impossible, and for 1917, 1918, and 1919 no figures are available.

No. 253.—AVERAGE FREIGHT RATES ON GRAIN AND FLOUR FROM ST. LOUIS TO VARIOUS POINTS: 1901 TO 1919.

[Source: Secretary Merchants' Exchange, St. Louis, Mo.]

Calendar year.	To New Orleans by river.		To New York by rail.		To Liverpool.	
	On grain in sacks per 100 pounds.	On wheat in bulk by barges per bushel.	On wheat per 100 pounds.	On flour per barrel.	Via New Orleans (by river) on wheat per bushel.	Via New York (by rail) on wheat per bushel.
1901.....	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1902.....	10.00	14.25	19.33	38.66	9.48	14.03
1903.....	10.00	14.20	20.66	41.32	8.53	15.33
1904.....	10.00	15.00	21.25	42.50	10.00	16.02
1905.....	.....	.....	21.51	43.02	.....	15.25
1906.....	.....	.....	20.50	41.00	.....	15.60
1907.....	.....	.....	20.50	41.00	.....	15.23
1908.....	.....	.....	20.50	41.00	.....	15.37
1909.....	.....	.....	19.50	40.00	.....	14.78
1910.....	.....	.....	19.00	40.00	.....	14.30
1911.....	.....	.....	19.00	39.40	.....	12.40
1912.....	.....	.....	19.00	39.40	.....	13.60
1913.....	.....	.....	19.00	39.40	.....	13.60
1914.....	.....	.....	19.00	39.40	.....	15.53
1915.....	13.00	7.8	28.00	62.06	(2)	(2)
1916.....	12.00	7.2	28.00	60.99	(2)	(2)
1917.....	.....	.....	19.80	43.87	(2)	(2)
1918.....	.....	.....	19.80	43.87	(2)	(2)
1919.....	.....	.....	19.80	43.87	(2)	(2)

¹ F. o. b. New Orleans.

² For first seven months of 1914, 14.60 cents; after the start of the European war rates ranged from 14.60 to 27.60 cents in 1914; figures for 1914 to 1917 are not available.

³ Effective June 25, 1918; prior to that, rate was 22½ cents.

⁴ Effective June 25, 1918; prior to that, rate was 49.22 cents per barrel.

⁵ No ocean rates available, as shipping was controlled by Governments and rates were not made public.

⁶ Domestic; for export 26.50.

⁷ Domestic; for export 58.85.

NO. 254.—CATTLE, HOGS, AND SHEEP: RECEIPTS AT TWELVE PRINCIPAL WESTERN MARKETS, 1893 TO 1919.

[Source: Reports of various stockyard associations.]

Cal- endar year.	Chicago.			Kansas City.			Omaha.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves. ¹	Hogs.	Sheep.
	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1893..	8,343,963	6,057,278	3,081,174	1,745,828	1,948,873	569,517	852,456	1,406,451	292,273
1894..	8,185,312	7,488,228	3,099,725	1,772,545	2,547,077	589,555	821,512	1,932,677	243,945
1895..	2,757,298	7,885,283	3,406,739	1,689,652	2,457,697	864,713	586,108	1,186,726	204,870
1896..	2,738,813	7,659,472	3,590,655	1,814,698	2,605,575	993,126	586,578	1,216,370	358,005
1897..	2,677,900	8,363,724	3,606,640	1,921,962	3,350,796	1,184,236	810,949	1,610,951	627,160
1898..	2,613,630	8,171,114	3,589,489	1,846,238	3,672,909	980,803	812,244	2,101,387	1,085,136
1899..	2,651,122	8,177,870	3,692,832	2,017,484	2,959,073	958,241	837,563	2,216,482	1,086,319
1900..	2,865,856	8,109,064	3,548,885	2,082,795	3,094,139	860,449	828,204	2,200,926	1,276,775
1901..	3,213,220	8,290,494	4,044,095	2,126,575	3,716,404	980,078	818,003	2,414,052	1,814,841
1902..	3,188,306	7,895,238	4,515,716	2,279,166	2,279,837	1,154,084	1,010,815	2,247,428	1,742,539
1903..	3,704,229	7,325,923	4,582,760	2,137,112	1,969,381	1,151,730	1,071,177	2,231,057	1,868,763
1904..	3,526,684	7,283,746	4,504,630	2,168,471	2,227,170	1,004,099	944,192	2,299,627	1,754,365
1905..	3,791,304	7,726,738	4,736,558	2,422,582	2,507,548	1,318,663	1,026,392	2,298,956	1,970,502
1906..	3,742,519	7,275,063	4,805,449	2,555,794	2,675,601	1,616,788	1,079,373	2,398,551	2,165,116
1907..	3,727,248	7,201,061	4,218,115	2,670,260	2,923,777	1,582,148	1,158,716	2,258,652	2,088,777
1908..	3,460,877	8,181,465	4,351,889	2,458,127	3,715,109	1,640,542	1,036,625	2,424,851	2,105,949
1909..	3,339,519	6,619,018	4,441,424	2,659,928	3,092,835	1,645,325	1,124,618	2,135,493	2,167,014
1910..	3,552,899	5,586,858	5,229,294	2,507,142	2,085,566	1,841,173	1,223,533	1,894,314	2,984,870
1911..	3,458,343	7,103,360	5,736,244	2,370,390	3,167,816	2,175,493	1,174,312	2,366,684	2,977,570
1912..	3,157,743	7,180,967	6,056,546	2,147,224	2,523,331	2,138,976	1,017,195	2,886,244	2,950,507
1913..	2,888,496	5,750,938	5,902,798	2,318,885	2,567,785	2,094,748	962,103	2,642,709	3,222,133
1914..	2,601,495	6,618,166	5,378,345	1,956,651	2,264,805	2,002,042	938,817	2,258,620	3,113,889
1915..	2,684,973	7,652,071	5,310,015	1,963,493	2,530,730	1,814,683	1,218,342	2,642,973	3,268,279
1916..	3,249,800	9,188,224	4,291,024	2,331,467	2,978,933	1,758,175	1,434,304	3,116,820	3,170,908
1917..	3,820,271	7,168,852	3,595,228	2,902,253	2,276,995	1,498,550	1,719,822	2,796,596	3,016,631
1918..	4,447,689	8,614,190	4,629,736	3,310,511	3,327,722	1,667,463	1,993,366	3,428,533	3,385,696
1919..	4,253,408	8,672,476	5,243,957	3,085,007	3,140,530	1,945,353	1,975,236	3,179,116	3,799,188
Cal- endar year.	St. Joseph.			St. Louis.			St. Paul.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1898..	39,244	240,160	26,257	903,257	1,105,108	397,725	113,630	194,092	158,314
1894..	52,157	397,585	15,718	773,571	1,489,856	359,896	78,245	326,663	95,142
1895..	49,202	252,070	22,260	851,275	1,440,342	510,660	93,066	364,455	174,868
1896..	38,893	193,212	24,165	955,613	1,997,895	632,872	97,812	313,736	200,415
1897..	50,365	426,692	13,915	960,765	2,065,283	660,380	198,691	243,074	315,210
1898..	232,078	1,084,125	121,707	756,611	2,136,328	477,091	215,998	388,405	430,194
1899..	294,950	1,401,794	258,393	766,632	2,147,144	432,566	221,387	369,243	388,598
1900..	390,381	1,678,520	390,308	795,800	2,156,972	434,183	220,681	500,415	489,574
1901..	439,298	2,105,209	525,933	969,881	2,236,945	534,115	190,290	616,796	322,367
1902..	517,294	1,697,741	560,658	1,181,628	1,494,395	540,443	306,066	667,526	602,340
1903..	624,974	1,700,564	599,189	1,209,121	1,785,873	565,886	303,289	759,542	875,640
1904..	587,261	1,656,849	794,379	2,661,582	2,361,623	746,109	389,300	881,685	772,766
1905..	546,688	1,900,433	980,834	1,254,236	2,407,336	690,378	488,565	858,287	818,487
1906..	606,187	1,908,207	826,764	1,314,826	2,411,191	650,734	486,664	860,810	735,259
1907..	616,232	1,923,257	764,287	1,323,208	2,572,126	622,213	519,611	866,777	567,830
1908..	584,224	2,349,047	592,389	1,203,564	3,199,922	724,781	463,180	1,183,412	359,343
1909..	592,876	1,698,881	620,570	1,418,005	3,076,065	835,973	497,152	725,420	496,062
1910..	564,555	1,332,565	559,670	1,356,232	2,648,480	776,665	603,666	835,886	864,811
1911..	513,290	1,921,535	718,268	1,206,428	3,634,851	1,024,402	538,687	910,733	712,126
1912..	494,422	1,969,933	728,552	1,199,901	2,529,897	1,030,609	523,767	983,665	627,973
1913..	450,136	1,869,009	812,039	1,099,977	2,583,911	949,802	531,946	1,256,801	785,444
1914..	355,535	1,725,366	830,356	1,040,957	2,558,825	749,733	585,163	1,589,630	794,739
1915..	441,471	1,697,842	877,930	991,709	2,591,768	648,141	855,589	2,155,201	704,119
1916..	479,946	2,198,751	804,326	1,200,330	3,057,414	670,838	941,115	2,674,547	623,214
1917..	670,167	1,920,177	678,553	1,404,741	2,705,614	531,034	1,197,129	1,927,952	429,617
1918..	869,888	2,351,013	827,489	1,509,409	3,256,500	536,406	1,430,408	2,061,390	630,203
1919..	750,151	2,126,322	1,006,960	1,472,830	3,650,534	728,895	1,490,926	2,189,716	911,885

¹ Cattle only.

LIVE-STOCK RECEIPTS.

No. 254.—CATTLE, HOGS, AND SHEEP: RECEIPTS AT TWELVE SPECIFIED WESTERN MARKETS, 1893 TO 1919—Continued.

Calen- dar year.	Sioux City.			Cincinnati.			Cleveland. ¹		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
1893.....	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1893.....	130,794	329,014	26,840	226,555	627,612	575,527	13,124	257,782	60,522
1894.....	119,008	499,278	24,567	226,456	746,705	643,975	7,210	190,803	77,232
1895.....	110,278	341,050	14,336	227,261	820,637	597,497	73,538	601,179	130,709
1896.....	142,238	279,451	10,425	216,117	887,187	481,254	62,665	688,011	146,588
1897.....	294,161	358,290	9,699	218,636	881,382	430,865	109,047	999,219	183,717
1898.....	300,937	474,238	20,381	199,507	887,524	389,649	97,865	1,122,848	149,769
1899.....	347,109	568,306	36,081	204,288	809,327	280,097	118,347	1,096,459	189,480
1900.....	300,437	838,141	61,942	210,631	782,742	330,743	123,552	1,180,606	186,822
1901.....	308,529	959,964	66,930	222,738	742,701	358,922	68,851	995,113	197,456
1902.....	404,835	1,007,762	61,275	239,679	664,784	410,248	61,858	960,067	194,537
1903.....	379,446	1,007,900	41,774	245,716	736,770	394,108	90,743	1,215,798	224,489
1904.....	381,293	1,118,177	28,464	252,807	870,128	370,475	94,235	1,354,276	237,161
1905.....	402,955	1,298,685	56,582	288,893	948,098	322,624	106,708	1,251,229	190,080
1906.....	385,255	1,157,947	64,167	313,256	859,384	318,885	100,215	964,139	242,712
1907.....	410,216	1,289,125	64,507	312,214	938,798	305,161	100,041	1,107,662	367,329
1908.....	385,470	1,380,639	58,747	295,746	1,170,999	330,136	92,325	1,496,978	325,216
1909.....	426,278	1,077,350	78,490	310,380	876,180	360,988	106,425	1,155,523	344,563
1910.....	438,690	1,044,122	150,935	319,138	758,922	354,371	181,872	637,291	350,716
1911.....	487,287	1,348,551	212,004	327,075	1,035,973	385,195	97,566	598,744	472,988
1912.....	430,768	1,697,788	206,517	344,198	953,954	386,644	288,755	562,873	478,190
1913.....	393,711	1,533,178	270,866	316,612	908,669	437,202	2,121,575	735,601	534,399
1914.....	367,917	1,256,679	403,927	289,762	921,204	444,829	110,332	670,351	295,026
1915.....	534,154	1,760,818	337,079	281,122	1,179,672	356,189	116,405	788,577	256,744
1916.....	601,667	2,131,113	320,537	352,040	1,260,118	332,241	118,601	692,319	225,042
1917.....	705,718	2,149,115	267,441	452,830	1,230,042	270,329	135,560	648,332	182,065
1918.....	817,584	2,421,166	387,423	455,291	1,462,702	274,554	301,854	1,313,573	370,262
1919.....	814,093	2,321,551	686,265	460,487	1,074,083	334,692	304,558	1,083,765	466,978
Calen- dar year.	Denver.			Indianapolis.			Wichita.		
	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.	Cattle and calves.	Hogs.	Sheep.
1893.....	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.	Number.
1893.....	154,739	62,111	130,873	85,581	878,882	83,303	55,759	81,255	3,023
1894.....	147,506	94,099	135,990	91,017	963,511	108,924	33,217	65,377	4,849
1895.....	186,646	47,598	156,412	106,439	1,108,724	123,427	31,763	81,801	5,729
1896.....	202,018	56,587	180,639	135,253	1,255,405	120,890	16,306	100,911	18,534
1897.....	248,888	75,065	308,661	147,740	1,252,761	97,369	21,058	188,416	8,146
1898.....	287,678	81,645	284,305	134,786	1,681,362	84,665	20,881	258,541	11,844
1899.....	282,928	120,096	221,142	136,579	1,545,881	65,106	25,563	204,745	10,111
1900.....	239,606	115,986	303,828	139,722	1,823,018	67,005	28,903	291,501	18,353
1901.....	227,925	109,360	225,555	211,053	1,486,519	125,614	27,212	333,072	2,158
1902.....	324,154	86,685	316,594	213,179	1,251,351	102,580	31,628	192,723	6,848
1903.....	286,271	146,580	464,896	248,951	1,530,888	101,024	38,287	265,216	14,093
1904.....	265,462	161,954	519,190	274,710	1,668,771	89,945	29,144	312,428	8,053
1905.....	294,044	190,525	737,905	299,784	1,975,816	61,561	43,697	293,491	7,201
1906.....	328,751	192,720	825,766	350,016	1,869,353	76,570	46,789	301,649	11,288
1907.....	306,907	241,393	828,432	378,873	1,955,382	72,674	95,666	436,119	7,464
1908.....	420,462	280,288	675,235	407,149	2,424,288	111,848	109,414	741,341	12,066
1909.....	426,372	241,570	684,327	416,759	1,832,598	111,386	183,659	751,560	22,795
1910.....	388,868	186,611	595,980	417,875	1,487,174	128,001	208,241	551,998	35,498
1911.....	298,487	220,187	617,008	894,269	2,028,731	158,686	194,063	568,244	53,887
1912.....	416,817	221,718	776,760	390,238	1,824,260	184,414	2,212,463	322,418	97,117
1913.....	499,208	246,598	620,481	378,912	1,994,624	147,198	2,212,971	470,730	82,219
1914.....	442,738	255,636	692,247	344,245	2,039,787	124,591	2,201,836	418,213	25,899
1915.....	424,341	343,653	765,170	351,741	2,435,319	112,773	2,153,035	476,469	29,604
1916.....	601,460	466,653	1,409,009	405,089	2,576,611	98,142	2,220,133	572,679	20,875
1917.....	653,377	351,903	2,059,398	501,156	2,350,780	102,293	2,371,307	494,577	27,366
1918.....	728,268	383,543	1,651,759	504,190	2,749,976	113,828	2,303,914	617,745	39,842
1919.....	823,727	367,634	2,087,152	515,347	2,936,493	131,329	2,310,965	494,008	58,853

¹ Figures from 1895 to date are from reports of the Cleveland Chamber of Commerce.

² Cattle only.

No. 255.—GRAIN RECEIVED:¹ BY SPECIFIED PORTS, CALENDAR YEARS 1905 TO 1919.

[Source: Annual reports of New York Produce Exchange.]

Port. ²	1905	1906	1907	1908	1909
New York:					
By canal, via river	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
9,804,675	11,769,800	9,568,500	7,228,000	9,676,000	
Coastwise and river		244,815	254,613	957,259	1,863,504
755,567					
By rail	111,787,340	017,618,105	112,397,811	95,532,736	82,895,110
Total	122,847,582	119,632,720	122,210,924	103,717,995	94,434,614
Portland, Me.	17,723,688	19,184,965	225,061,918		
Boston	32,445,637	35,186,397	37,776,856	24,637,968	25,908,955
Philadelphia	36,066,919	48,585,326	53,918,914	44,614,786	35,120,455
Baltimore	42,225,088	52,829,118	51,274,188	40,329,270	31,654,690
New Orleans	31,007,764	33,705,168	22,444,681	17,737,501	17,127,626
Grand total	281,816,648	308,523,694	312,687,431	231,087,470	204,312,340
Montreal, Canada	31,804,504	31,965,187	42,954,386	41,006,738	43,551,119
Port. ²	1910	1911	1912	1913	1914
New York:					
By canal, via river	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
11,000,700	7,895,000	3,580,600	4,371,700	5,803,000	
Coastwise and river		3,918,254	4,268,675	3,904,292	11,333,344
441,588					
By rail	86,635,278	107,411,728	122,371,905	131,768,203	142,127,622
Total	98,077,566	119,219,982	130,171,180	140,044,195	159,264,886
Boston	22,451,292	23,904,930	31,846,400	42,046,105	26,033,229
Philadelphia	30,120,980	41,195,845	43,423,348	47,490,548	49,009,621
Baltimore	32,861,922	42,123,546	56,010,887	68,754,883	68,909,106
New Orleans	16,213,444	15,919,182	21,580,971	30,757,892	53,061,500
Grand total	199,725,204	247,363,485	281,982,786	329,099,628	356,278,322
Montreal, Canada	45,427,290	49,325,297	59,393,707	66,078,237	99,054,293
Port. ²	1915	1916	1917	1918	1919
New York:					
By canal, via river	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
3,841,000	1,839,000	617,100	2,900,348	6,323,100	
Coastwise and river		10,179,449	4,982,694	1,419,190	4,192,088
7,291,638					
By rail	214,753,963	220,998,650	180,617,799	114,335,479	132,132,351
Total	225,886,601	233,012,099	186,217,593	118,745,017	142,047,539
Boston	28,132,085	42,788,468	27,133,944	28,723,722	27,858,016
Philadelphia	70,765,806	73,610,091	65,051,227	52,569,863	75,922,899
Baltimore	106,124,331	143,464,462	96,881,477	62,857,556	67,944,613
New Orleans	56,774,000	48,268,000	58,736,000	67,626,500	45,040,500
Grand total	487,682,823	541,143,120	433,970,241	330,522,656	359,420,167
Montreal, Canada	68,231,647	107,784,890	57,607,943	105,378,861	88,139,184

¹ Grain embraces wheat flour reduced to equivalent in wheat, corn, rye, oats, barley, malt, and peas.² Receipts at New York, Portland, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Portland via Montreal are duplications of receipts reported at Montreal. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain.³No data after 1907.

No. 256.—SHIPMENTS OF ANTHRACITE COAL: CALENDAR YEARS 1905, 1910, AND 1916 TO 1919.

[Source: Saward's Journal.]

Railroad.	1905	1910	1916	1917	1918	1919
Philadelphia & Reading.....	<i>Long tons.</i> 12,574,502	<i>Long tons.</i> 12,445,733	<i>Long tons.</i> 12,842,731	<i>Long tons.</i> 14,910,240	<i>Long tons.</i> 14,837,395	<i>Long tons.</i> 12,289,893
Lehigh Valley.....	10,072,120	11,195,765	12,056,078	13,969,507	14,287,325	12,003,687
Central of New Jersey.....	7,983,274	8,519,135	7,135,544	8,286,640	7,245,276	5,941,412
Delaware, Lackawanna & Western.....	9,554,046	9,589,076	10,638,500	12,409,120	11,884,669	10,299,834
Delaware & Hudson.....	4,890,635	6,578,356	7,095,297	8,533,716	8,914,684	8,087,362
Pennsylvania.....	6,223,622	6,250,976	5,841,475	5,610,846	5,518,207	4,801,433
Erie.....	5,640,528	7,554,198	7,718,089	8,841,894	8,641,582	7,311,069
New York, Ontario & Western.....	2,864,096	2,772,547	1,946,030	2,010,724	2,033,388	1,882,601
Delaware, Susquehanna & Schuylkill ¹	1,605,278	(1)	(1)	(1)	(1)	(1)
Lehigh & New England.....			2,653,964	3,949,172	3,812,753	3,232,450
Total.....	61,410,201	64,905,786	67,026,708	78,521,859	77,125,278	66,855,462
Deductions ²			550,334	1,388,554	475,300	
Total, 10 roads.....	61,410,201	64,905,786	67,376,364	77,133,305	76,649,918	66,855,462

¹ Now included in Lehigh Valley.² Reported by both the C. R. R. of New Jersey and the L. & N. E. R. R.

No. 257.—MOVEMENTS OF COAL AND COKE OVER SPECIFIED RAILROADS: CALENDAR YEARS 1915 TO 1919.

[Source: Compiled from reports of the various roads.]

BITUMINOUS COAL.

Railroad.	1915	1916	1917	1918	1919
Baltimore & Ohio ¹	<i>Short tons.</i> 35,930,206	<i>Short tons.</i> 35,354,489	<i>Short tons.</i> 38,158,222	<i>Short tons.</i> 48,873,089	<i>Short tons.</i> 43,495,602
Buffalo, Rochester & Pittsburgh ^{1, 2}	8,511,316	9,450,671	10,258,424	11,058,598	9,875,678
Buffalo & Susquehanna ^{1, 2}	1,277,438	1,517,784	1,593,075	1,855,405	1,325,257
Chesapeake & Ohio ¹	24,338,298	26,731,383	25,715,776	27,232,031	24,807,643
Erie ¹	10,357,805	8,680,186	8,292,210	11,167,119	7,589,821
Huntingdon & Broad Top Mountain ^{1, 2}	1,111,652	1,205,077	1,509,421	1,402,002	895,165
New York Central & Hudson River ²	9,406,850	7,713,118	8,543,162	8,389,149	6,370,789
Norfolk & Western ^{1, 2}	20,728,206	30,749,390	28,571,908	29,213,188	26,906,898
Pennsylvania (east of Pittsburgh and Erie) ^{1, 2}	40,584,802	48,167,136	50,557,468	62,221,555	46,830,941
Pittsburgh & Lake Erie ^{1, 2}	11,046,893	11,528,401	11,708,671	14,872,432	13,085,610
Pittsburg & Shawmut ¹			2,680,647	2,557,835	1,947,062
Pittsburg, Shawmut & Northern ^{1, 2}	2,646,819	2,780,752	2,689,223	1,101,974	798,898
Southern ^{1, 2}	3,446,046	1,914,124	11,067,472	12,790,446	10,881,283
Virginian ^{1, 2}	4,128,940	5,509,155	6,398,836	6,716,944	5,788,959
Western Maryland.....	6,807,474	8,654,099	9,313,395	11,623,210	11,798,748
Total, 15 roads.....	198,022,741	207,148,775	217,132,968	251,074,977	209,297,344

COKE.

Baltimore & Ohio ¹	3,792,125	4,345,521	3,471,003	3,117,754	1,903,767
Buffalo, Rochester & Pittsburgh ^{1, 2}	483,601	537,120	449,586	534,093	404,311
Buffalo & Susquehanna ^{1, 2}	579,944	454,127	404,527	375,806	277,859
Chesapeake & Ohio ¹	303,085	550,163	501,340	542,661	614,338
Erie ¹	1,099,213	1,126,656	679,627	696,925	575,359
Huntingdon & Broad Top Mountain ¹	4,53,489	71,839	75,923	67,090	100,903
Norfolk & Western ^{1, 2}	990,296	2,048,314	2,548,080	2,366,847	1,137,320
Pennsylvania (east of Pittsburgh and Erie) ^{1, 2}	12,020,472	14,257,911	12,014,851	11,357,435	7,513,176
Pittsburgh & Lake Erie ^{1, 2}	6,198,316	7,764,578	7,417,319	8,022,731	5,095,714
Pittsburg, Shawmut & Northern ^{1, 2}	25	70	19		
Virginian.....			56	759	404
Western Maryland ¹	1,281,441	242,518	193,639	439,576	219
Total, 12 roads.....	25,802,906	31,398,882	27,756,673	27,521,322	18,083,040

¹ Includes amounts from connecting lines.² Includes company coal.¹ Does not include company coal hauled free.² Six months, July to December.

No. 258.—SAULT STE. MARIE CANALS: ANALYSIS OF TRAFFIC STATISTICS, SEASONS 1896 to 1919.

[Source: Annual reports of the United States engineer in charge.]

Season.	Freight carried.		Average distance freight was carried.	Total ton-miles.	Cost of carrying freight per ton-mile.	Amount paid for transporting freight.	Valuation of freight.	Value of American craft.	Value of Canadian craft.	Dollars.	Dollars.	Per cent.
	Total.	By steamers.										
1896.....	16,239,061	11,878,089	73	836.4	13,582,641,886	0.99	18,511,615	195,146,812	43,006,200	2,155,300	3,99	
1897.....	18,382,755	13,163,667	69	841.3	15,969,383,576	.83	13,220,099	218,235,927	42,375,700	2,001,400	3.01	
1898.....	21,234,665	14,559,066	69	842.6	17,891,567,030	.79	14,125,896	238,059,740	45,199,800	2,491,900	2.20	
1899.....	25,255,810	17,801,213	71	827.2	20,891,944,628	1.05	21,065,727	251,384,750	65,000,520	3,365,600	3.12	
1900.....	26,648,073	19,586,750	77	825.9	21,179,229,014	1.18	24,952,374	267,041,950	66,116,983	3,618,576	2.91	
1901.....	28,403,065	21,186,571	75	823.3	23,388,801,987	.99	23,217,974	289,906,865	57,244,200	3,311,900	3.74	
1902.....	35,961,146	28,465,068	79	827.4	29,765,916,637	.89	26,586,189	358,306,300	67,205,000	3,792,400	4.41	
1903.....	34,674,437	28,042,546	81	835.6	28,974,660,408	.92	26,727,735	349,405,014	68,252,800	6,384,500	5.51	
1904.....	31,546,106	25,720,437	82	843.5	26,608,815,656	.81	21,552,894	334,502,686	63,738,300	5,377,100	6.10	
1905.....	44,270,630	37,724,522	85	833.3	36,892,797,973	.85	31,420,585	416,985,484	73,211,300	5,429,000	4.99	
1906.....	51,751,080	45,872,051	89	842.4	43,596,956,680	.84	36,666,889	537,468,454	88,392,000	6,140,500	4.84	
1907.....	58,217,214	52,937,151	91	828.3	48,221,465,547	.80	38,457,345	569,880,188	102,525,500	7,918,000	4.72	
1908.....	41,380,557	38,144,570	92	842.0	34,853,548,177	.69	23,903,244	470,141,318	101,643,000	10,054,000	7.24	
1909.....	57,385,149	53,649,833	93	809.0	46,812,929,345	.78	36,291,948	626,104,173	116,192,000	10,707,000	6.27	
1910.....	62,363,218	58,089,752	98	840.0	52,405,535,136	.74	38,710,904	654,010,844	123,061,600	11,675,000	6.08	
1911.....	53,477,216	49,580,133	93	826.0	44,173,813,460	.67	29,492,196	595,019,844	109,336,000	12,211,500	6.79	
1912.....	72,472,676	68,008,313	94	831.0	60,242,583,004	.67	49,578,225	791,387,887	125,618,300	12,927,500	5.53	
1913.....	79,718,344	75,173,822	94	820.0	65,330,716,791	.68	44,380,864	865,957,388	127,126,900	15,395,700	6.18	
1914.....	55,369,934	52,063,466	92	832.8	46,112,251,751	.60	27,587,090	634,860,268	117,211,000	17,422,700	8.85	
1915.....	71,260,304	67,098,814	94	832.0	59,316,744,083	.71	41,584,031	882,263,141	123,472,700	15,936,700	6.19	
1916.....	91,688,219	87,108,550	95	824.0	75,717,393,310	.80	69,845,023	974,161,156	129,170,500	15,757,700	6.22	
1917.....	59,813,898	55,506,016	95	820.0	73,634,549,794	1.21	89,277,226	1,196,922,183	229,538,875	18,247,475	5.71	
1918.....	85,680,327	81,847,161	96	818.2	70,107,617,229	1.19	83,507,638	987,005,347	223,757,625	17,583,550	5.51	
1919.....	68,235,564	65,632,854	96	815.0	55,611,610,050	1.05	53,478,507	914,513,944	223,162,200	17,408,450	7.03	